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ANNUAL REPORT 1983-84

Alberta

PUBLIC WORKS, SUPPLY AND SERVICES

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ANNUAL REPORT 1983-84

Alberta

PUBLIC WORKS, SUPPLY AND SERVICES

Alberta
PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Minister

208 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403/427-3666

February 1985

The Honourable Helen Hunley
Lieutenant-Governor of the Province of Alberta
3rd Floor, Legislature Building
1 Legislature Grounds
Edmonton, Alberta
T5K 2B6

Your Honour:

The undersigned has the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1984.

Respectfully submitted,

Tom Chambers

Tom Chambers, P.Eng.

Attach.

Alberta
PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Deputy Minister

6950 - 113th Street, Edmonton, Alberta, Canada T6H 5V7 403/427-3921

January 1985

Honourable T.W. Chambers, P.Eng.
Minister, Public Works, Supply and Services
208 Legislature Building
Edmonton, Alberta
T5K 2B6

Sir:

I have the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1984.

During the year, the department completed the amalgamation of the Public Works responsibilities of the previous Department of Housing and Public Works with those of the previous Department of Government Services. This involved the structuring of the new Department of Public Works, Supply and Services into five operating units: Capital Development, Finance and Administration, Information Services, Properties, and Supply.

Respectfully submitted,

N.M. Fleming, F.R.A.I.C.
Deputy Minister

Attach.

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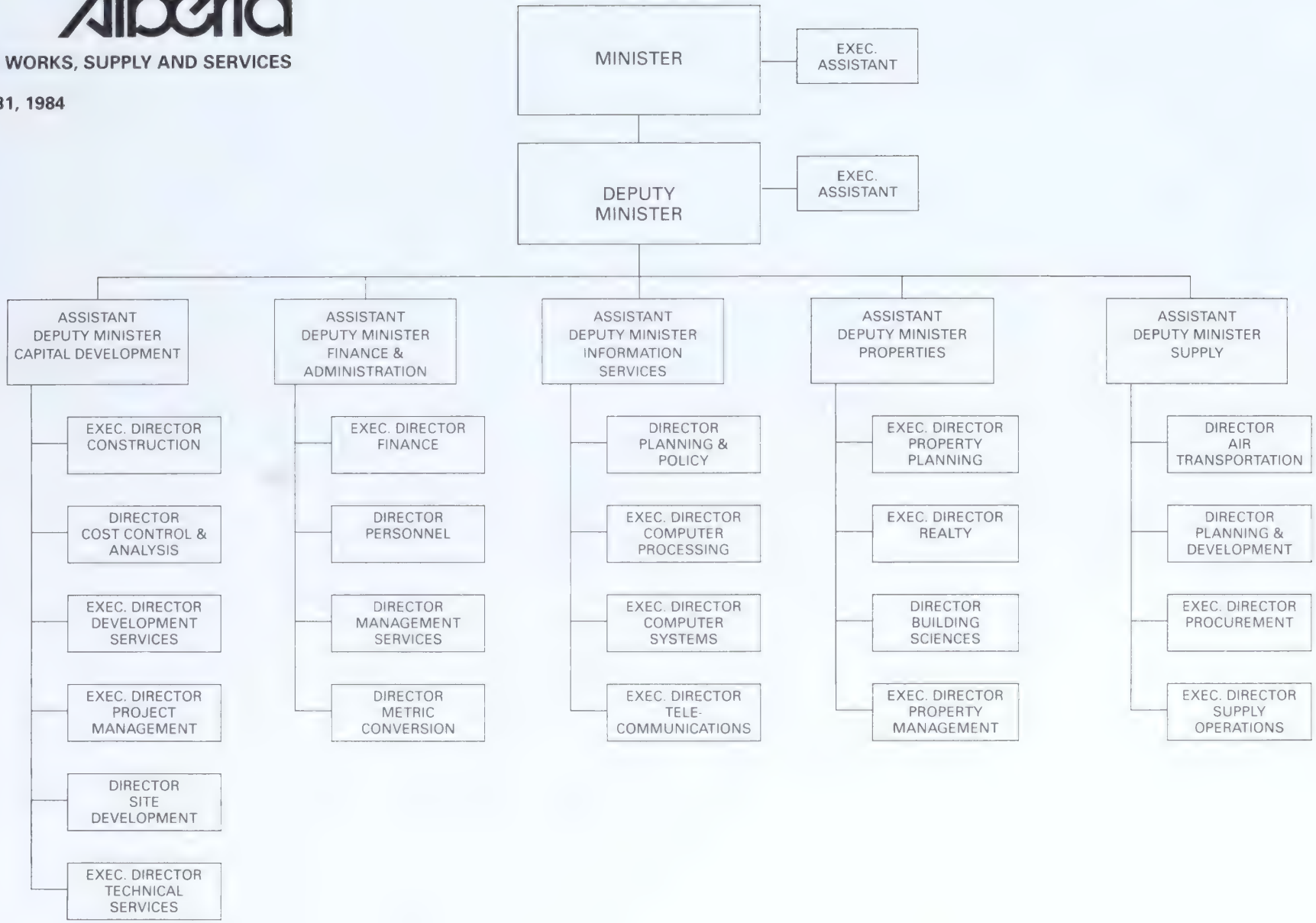
Alberta

PUBLIC WORKS, SUPPLY AND SERVICES

March 31, 1984



HISTORICAL PERSPECTIVES

1906 — Department of Public Works created.

1912 — Local Improvement Act transferred to Department of Municipal Affairs.

— Telephone Branch transferred to Department of Railways and Telephones.

1916 — Provincial Institutions transferred from the Provincial Secretary.

1920 — Coal Mines transferred to the Provincial Secretary.

1922 — Administration of Drainage Districts transferred to Department of Railways and Telephones.

— Government Employment Bureau operated jointly by the provincial and federal governments transferred from the Provincial Secretary to Department of Public Works. In 1935 it transferred to Department of Trade and Industry.

— A Commissioner of Labour appointed to administer the Boilers Act.

1927 — Public Works administered the Public Vehicles Act.

1935 — Administration of the Boilers Act transferred to Department of Trade and Industry.

1936 — Public Service Vehicles Act administered by the Highway Traffic Board.

1937 — Boilers Act again transferred to Public Works.

1948 — Provincial Institutions transferred from Public Works to Attorney General's Department.

1951 — Highway construction became a responsibility of the newly created Department of Highways.

— Public Service Vehicles Act transferred to Department of Highways.

— Surveys and construction and maintenance of bridges transferred to Department of Highways.

1953 — Boilers Act transferred to Department of Industries and Labour.

1967 — Design and construction of university buildings transferred to Boards of Governors.

— Maintenance of three agricultural and vocational colleges, located at Olds, Vermilion and Fairview, transferred from Agriculture to Public Works.

1968 — Rental of government-owned residences located at mental institutions and goals transferred to Alberta Housing and Urban Renewal Corporation.

1969 — Grants program to municipalities for construction of swimming pools transferred to Department of Youth.

1975 — Operating and Maintenance Division transferred to new Department of Government Services.

— Housing responsibilities added to create new Department of Housing and Public Works.

1982 — Housing responsibilities transferred to a new Department of Housing.

— Public Works responsibilities amalgamated with those of the Department of Government Services to form a new department of Public Works, Supply and Services.

1983 — Translation Services transferred from Department of Culture to Public Works, Supply and Services.

— Land Assembly transferred from Department of Environment to Public Works, Supply and Services.

1984 — Design and construction of Alberta Hospital, Edmonton and Ponoka, transferred to individual boards.

RELEVANT STATUTES:

The Architects Act
The Engineering Geological and Geophysical Professions Act
The Crown Property Municipalities Grants Act
The Public Works Act administered jointly with the Minister of Transportation
The Public Works, Supply and Services Act

CAPITAL DEVELOPMENT

Construction Division

Cost Control and Analysis Division

Development Services Division

Project Management Division

Site Development Division

Technical Services Division

CAPITAL DEVELOPMENT

Capital Development is a result of the organization change and consists of the Assistant Deputy Minister's office; Construction Division, Cost Control and Analysis Division, Development Services Division, Project Management Division, Site Development Division and Technical Services Division. Capital Development is responsible for all capital projects under Vote 4, Planning and Implementation of construction projects. Reports from each division follow.

CONSTRUCTION DIVISION

In the year reported, the division was responsible for the management of construction of Treasury Branch and Alberta Liquor Control Board and projects funded through the Alberta Heritage Savings Trust Fund as well as Vote 4 Capital Projects. The combined total expenditure on these projects was $153,210,864 for 1983-84.

Responsibilities for the division included initiating construction, control of costs, and quality of construction within determined construction schedules. The division was also responsible for providing input on phasing and scheduling during the design stage, and providing construction management services during the construction phase, on large-scale, multi-year, phased projects.

Included in the following summary table is a list of the large projects accepted during the 1983-84 fiscal year. Also listed are the large projects under construction during 1983-84 which were carried over into the 1984-85 fiscal year.

Appendix 1 of this report, starting on page 11, provides a complete listing of capital construction projects accepted during the 1983-84 fiscal year.

The division also provides management of consultants for materials testing assignments. A complete listing of all commissions is included with the commissions noted in Appendix 2 starting on page 32 of this report.

The division was also responsible for handling a large number of the Public Works Act claims filed on contracts administered by the department.

Projects		Tendered Cost ($)
Accepted in 1983-84	249	173,980,422
Carried into 1984-85	126	233,911,712
Total projects administered	375	407,892,134

LARGER PROJECTS ACCEPTED

Projects	Tendered Cost ($)
Barrhead	
Alberta Correspondence School	7,630,000
Calgary	
Sam Livingston Fish Hatchery, Installation of Ultraviolet Purification	1,193,963
Southern Alberta Jubilee Auditorium, Functional Upgrading & Refurbishing	6,119,724
Crowsnest Pass	
Leitch Collieries Interpretive Centre	1,098,000
Provincial Building	4,322,803
Drumheller	
Courthouse	3,229,556
Edmonton	
A.L.C.B. Specialty Store & Licence Office	2,656,082
Law Courts Addition, Phase V	29,847,000
Law Courts Addition, Phase VI, Alterations to Existing Building, Contract A	3,858,401
Legislature Grounds, Hard & Soft Landscaping	8,988,400
Office Building, University Farm Site	24,783,937
Supply & Services, Supply Centre Warehouse	1,285,864
Fort McMurray	
Driver Examination Centre	1,439,239
Grande Prairie	
Driver Examination Office	1,487,607
Lac La Biche	
Alberta Vocational Centre, Contract #1, Family Housing & Common Building	3,749,000
Peace River	
Correctional Institution, Vocational Workshop	2,532,769

LARGER PROJECTS ACCEPTED (CONT.)

Projects	Tendered Cost ($)
Red Deer	
Courthouse	9,134,367
St. Albert	
A.L.C.B. Central Offices, Contract #8	15,778,116
A.L.C.B. Warehouse & Central Offices, Contract #9, Site Development	1,495,782
Strathmore	
Southern Alberta Youth Development Centre	6,249,243
Wetaskiwin	
Courthouse	3,596,904
Youngstown	
Youngstown Home	2,924,000

LARGER PROJECTS CARRIED OVER INTO 1984-85

Projects	Tendered Cost ($)
Bow Island	
Provincial Building	1,899,456
Calgary	
A.L.C.B. Store, Horizon Estates	1,179,189
Core Research Centre	8,028,740
ERCB Building, Renovations to Upgrade	1,246,000
Crowsnest Pass	
Frank Slide Orientation Centre	2,477,000
Devon	
Coal Research Centre, Phase II, Office/Laboratory Complex	8,846,000
Coal Research Centre, Phase II, High Head Laboratory	3,280,888
Drumheller	
Tyrrell Museum of Palaeontology	14,948,680
Edmonton	
Alberta Research Council, Contract #3, Phase I, New Administration & Laboratory Building, High Head Laboratory	3,798,445
Alberta Research Council, Contract #4, Phase I, New Administration & Laboratory Building	29,105,129
Blood Transfusion Service Building	10,960,000
Office Building, Multi-Department	49,704,180
Elk Island Park	
Ukrainian Cultural Heritage Village, Phase IV	1,122,000
Fort McMurray	
Interpretive Centre	5,049,775
Grande Cache	
Provincial Correctional Centre, Contract #17, Living Units Precast Concrete	2,186,800
Provincial Correctional Centre, Contract #22, Mechanical	6,218,000
Provincial Correctional Centre, Contract #23, Electrical	5,345,000
Provincial Correctional Centre, Contract #24, Central Area, Interior & Exterior Masonry	1,419,400
Provincial Correctional Centre, Contract #27, Sloped Roof Structures	1,839,069
Kananaskis	
Recreation Vehicle Park (Central Service Building & Campsite Washroom)	1,035,425
Lac La Biche	
Alberta Vocational Centre, Contract #2, New Campus & Student Housing, Academic Facilities	18,475,000
Alberta Vocational Centre, Contract #6, Child Care Training Centre	1,366,130
Leduc	
Food Processing Development Centre	4,410,117
Medicine Hat	
Courthouse	10,598,800
Morinville	
Provincial Building	2,798,800
Rocky Mountain House	
Provincial Building	4,649,083
St. Albert	
Poundmaker Nechi Centre	5,698,000
Provincial Building	4,676,729
Vegreville	
Alberta Environmental Centre, Inhalation Toxicology Wing & E-Wing Generator	1,819,705

COST CONTROL AND ANALYSIS DIVISION

The Cost Control and Analysis Division, previously a branch, is composed of a Cost Planning and Value Engineering Branch and a Statistics and Administration Section. The division's function is to extend the scope of specialized cost advisory services and construction information systems to appropriate activity areas both within and outside the department. Concurrently, the division is responsible for maintaining the continuity and level of service already provided to regular user groups.

During the reporting period, assisted by private sector consultants, divisional cost managers and analysts provided cost planning and estimating services on a total of 561 construction projects. Value Engineering principles were used on the larger facilities in an endeavour to reduce costs and produce economies. Selected components of in-place materials, systems and equipment were analysed with special emphasis as to their impact on operating and life cycle costs.

Cost advice was provided to various departments of the provincial government and outside agencies. Statistical data was shared, and technical information supplied, in response to requests from other government departments. Cost expertise was evident in resolving complex change order proposals where, in conjunction with the Construction Division, cost differences were generally satisfactorily settled. In many cases, substantial savings were achieved.

The use of private sector consultants, under the direction of division cost managers, allowed for tight cost control on more projects. The use of Value Engineering techniques as effective cost controls strengthened input from consultants. A list of consultants under commission to the division during the reporting period is provided in Appendix 3 on page 37.

Automated access and retrieval systems were reviewed and streamlined as necessary to accommodate division/departmental needs. New technical programs were introduced to improve the accuracy of construction costs, economic forecasting and reports, as well as to assist in the monitoring and expediting of project delivery times.

The Select Bid and Quotation method of tendering was maintained primarily for minor and specialist works. Use of the method attracted bids from 837 contractors on 229 projects.

The decline in construction prices apparent in 1982-83 continued into the 1983-84 financial period. This, combined with a drop in private sector activity, resulted in further price decreases. Over the year, there was an overall decrease of 3 percent as monitored on Public Works projects, compared to the dramatic decrease of 9 percent in the 1982-83 fiscal year.

DEVELOPMENT SERVICES DIVISION

The Development Services Division undertakes management of large projects that include computing facilities.

During the reporting period, the Tar Sands Interpretive Centre for Fort McMurray was tendered. The low bid was $5,409,000 and construction commenced immediately.

Work continued on new facilities for the Workers' Compensation Board.

PROJECT MANAGEMENT DIVISION

The Project Management Division consists of three entities: Project Management, Edmonton; Project Management Branch, Calgary; and Specifications and Standards Branch. Reports from each of these follow, preceded by highlights of work undertaken on provincial buildings and for various government departments and agencies.

PROJECT MANAGEMENT DIVISION, (EDMONTON)

During the 1983-84 fiscal year, the Project Management Division, (Edmonton) processed 293 capital works projects for various government departments. The total expenditures were in excess of $157 million and shared by client departments as follows:

Advanced Education	$ 16,910,904
Agriculture	1,443,430
Attorney General	14,304,630
Culture	8,692,459
Education	1,060,576
Energy and Natural Resources	6,126,298
Environment	488,182
Executive Council	15,551,407
Hospitals and Medical Care	2,451,138
Public Works, Supply and Services	53,941,140
Recreation and Parks	1,738,635
Social Services and Community Health	9,195,779
Solicitor General	20,833,318
Tourism and Small Business	405,569
Transportation	3,898,164
	$157,041,629

Project Management uses the services of private consultants to develop any or all phases of a specific project, and then utilizes development and project managers as intermediaries between consultants and client departments.

During the 1983-84 fiscal year, 38 consulting firms were commissioned for the design and planning of 49 new projects. In addition, 244 projects involving 127 consulting firms were carried over.

Funds paid out totalled $13,573,915, which included fees and expenses, costs of tests and other services. Architectural, engineering and special consultant firms under commission by the Project Management Division are shown in Appendix 4, starting on page 39.

PROVINCIAL BUILDINGS

During the reporting period, construction was completed on the new provincial building in the Municipality of Crowsnest Pass; construction continued on new provincial buildings in Bow Island and Rocky Mountain House; and construction commenced on new provincial buildings in Morinville and St. Albert. As well, preparation of the site was completed and design work continued for the new provincial building and court in Edson.

EXPO 86

A team of consultants was selected to design the Alberta Pavilion for the 1986 world's fair, Expo 86, to be held in Vancouver. At March 31, 1984, design work was proceeding on the building and exhibitory.

PROJECTS FOR DEPARTMENTS

Advanced Education

Alberta Vocational Centre, Lac La Biche: Construction of 62 units of the family housing component was completed in October 1983. The remaining four units were tendered in May 1983 with completion expected in April 1984. Construction of the 12,600 m^2 main campus component continued with completion expected ahead of the original contract date of September 1985. The Early Childhood Services Training Centre was tendered in November 1983 and construction is scheduled for completion by January 1985. Preparation of contract documents for site development was initiated with a tender call planned for July 1984. The current estimate of project cost for all components is $32 million.

Westerra Institute of Technology, Stony Plain: Building construction and associated on-site work was completed and the institute accepted the first students in September 1983.

Agriculture

A further phase of the renovations to the O.S. Longman Building in Edmonton was completed. Construction continued on the Food Processing Development Centre in Leduc, a project funded through the Alberta Heritage Savings Trust Fund.

Alberta Alcoholism and Drug Abuse Commission

The Detoxification Centre (The George Spady Centre), Edmonton, was completed during the period under review, while construction continued on the Poundmaker Nechi Centre in St. Albert.

Alberta Liquor Control Board

The board's program for 1983-84 was reduced considerably from previous years. Twenty-two projects were in hand. Of these, 15 were under construc-

tion and all were completed in early 1984. Planning for seven new stores was completed and four contracts for these have since been awarded. During the year, the St. Albert office/warehouse complex was completed, and the board now occupies this new facility.

Attorney General

Former Energy Resources Conservation Board Building, Calgary: This renovation project was tendered in December 1983 for $1,246,000, with occupancy by Attorney General scheduled for September 1984, The facility will house small claims court reporters, and the sheriff's office for the Court of Queen's Bench.

Court Facilities: A program for the upgrading of court facilities throughout the province, in accordance with the recommendation of the Kirby Commission, commenced in 1977. Initially, a number of self-contained courthouses was constructed. However, most of the court facilities developed since are either in provincial buildings or are in interim facilities (trailers). Courthouses developed in the larger centres are usually separate buildings, and have full-time occupancy.

Here is a summary of the present situation in the upgrading program. Details of the location of facilities can be found in Appendix 5 on page 42.

New court facilities completed (21 are in provincial buildings)	52
Existing court facilities upgraded and completed (21 are in provincial buildings)	26
New court facilities under construction (3 are in provincial buildings)	4
Existing court facilities upgraded and under construction (2 are in provincial buildings)	4
Interim court facilities developed in existing buildings (2 are in government-owned buildings)	8

Culture

Crowsnest Pass Corridor Development: 1)Frank Slide Orientation Centre - The building was tendered and is now under construction. Facility will be opened to the public in 1985. Project cost is $4,675,000. 2)Leitch Collieries Interpretive Centre -Construction completed. Facility now open to the public. Balance of stabilization work will be completed in 1984.

Tyrrell Museum of Palaeontology, Drumheller: Building contract tendered at $14,948,680. Construction is under way and completion is scheduled for August 1985. The sewer line across the river to Nacmine was tendered and completed. Total project cost is now $22,800,000.

Tyrrell Museum of Palaeontology, Field Station, Dinosaur Provincial Park near Brooks: (This facility is part of the approved RFD for the museum in Drumheller.) Facilities programs and site and services analysis have started. Construction is scheduled for completion in the summer of 1986. (Cost included in budget for the museum.)

Provincial Museum of Alberta, Edmonton, Mechanical Upgrading: Report prepared outlining items that require attention. Design development completed. Construction scheduled to start summer of 1984. Total project cost $800,000.

Ukrainian Cultural Heritage Village, East of Edmonton: Renovations and additions to the visitor reception centre were tendered. Work was 85 percent complete at March 31. Underground gas, electrical and telephone lines were installed. All historic buildings except the Ukrainian Church are now in their final locations on permanent concrete footings. The blacksmith shop from Myrnam was moved to the site. Contract documents have been prepared for fire protection to the grain elevator and for landscaping the public side of the site. Total project cost is now $3,600,000.

Tar Sands Interpretive Centre, Fort McMurray: Building contract was tendered and construction started. Contract completion date is December 1984. Facility is scheduled to be open to the public by June 1985.

Head-Smashed-In Buffalo Jump Interpretive Centre, West of Fort Macleod: Design development complete. Tender scheduled for fall of 1984. Access road contract documents prepared for construction in summer of 1984. Total project cost $6,500,000.

Old St. Stephen's College, Edmonton: The west wing of the third floor was renovated. Project cost $130,000.

Interpretive Centre Dunvegan, near Peace River: Contract documents for the basement under the St. Charles mission rectory were completed. Alberta Culture will complete the restoration of this building during 1984.

Northern and Southern Alberta Jubilee Auditoriums: Functional and architectural upgrading completed. Project costs: Northern Alberta Jubilee - $5,484,714; Southern Alberta Jubilee - $6,119,724. Investigation work is under way for the retrofit of the exterior cladding to both theatres.

Reynolds Museum, Wetaskiwin: 1984 will see the completion of a warehouse structure. Located on the permanent site, it will provide storage accommodation for the growing collection of artifacts.

Energy and Natural Resources

Pine Ridge Forest Nursery, Smoky Lake: Expansion to the existing Genetics and Tree Improvement Facility was tendered for $758,000. Construction is scheduled for completion in 1984. A paving contract for $346,240 was completed. Both projects are funded by the Alberta Heritage Savings Trust Fund. Under capital funding, repairs will be made to the existing reservoir lining. Completion is scheduled for 1985-86.

Forest Technology School, Hinton: Renovations to the school's food facilities were completed in 1983 and improvements to the dining areas are scheduled for completion in 1984 at an estimated total project cost of $120,000.

Fish and Wildlife District Warehouses: The program to develop new facilities and upgrade existing ones was continued. New facilities were commenced in Blairmore/Sentinel. Construction was completed of facilities in Canmore, Oyen, Valleyview and Wetaskiwin. Upgrading was commenced in Edson, Grande Cache, Olds and Ponoka; and completed in Claresholm, Pincher Creek, and Vermilion.

Fish Hatchery, Cold Lake: Contract No. 1 - Earthwork, Pumphouse and Pipelines, was tendered in September 1983 for $1,984,000. Completion scheduled for June 1984. Contract No. 2 - Hatchery Facilities and Related Works, to be tendered in 1984. Cost is estimated to be $8,200,000.

Eric Cormack Centre, Edmonton: Phase I - Preparation for Computer Graphics, tendered in February 1984 for $286,487. Completion scheduled for August 1984. Phase II - Upgrade Mechanical System, to be tendered in 1984, is estimated to cost $800,000.

The Alberta Brood Trout Farm, Allison Creek: Officially opened September 1983. The station was in full operation for the entire year. Several small contracts were issued to improve operational performance in areas identified during start-up and initial operation of the plant. At the end of the reporting period, a final contract was still under way to provide for the use and recirculation of water from a well on site. Upon completion of this contract the plant will be fully operational.

Coal Research Centre, Devon: The pilot plant was completed in January 1983. Construction of the second phase, the office/laboratory component, was completed in April 1984. Third phase construction, for the high head laboratory, was initiated in April 1983 with contract completion expected in August 1984. Tenders for the fourth phase, site services work, were received in October 1983 and completion of the work scheduled for July 1984. Contract documents for the final phase, landscape development, were completed during the fiscal year, tenders to be awarded in July 1983. Total project cost of $22,000,000 is provided by the Alberta/Canada Energy Resources Research Fund.

Environment

Alberta Environmental Centre, Vegreville: Tenders for the Inhalation Toxicology Laboratory and for installation of an emergency generator were received in December 1983. Completion is expected in September 1984. Contract documents were prepared for the Computer Centre accommodation, a subcomponent of the laboratory development project. A tender call was issued in April 1984. Design work was initiated for the incinerator building and for further laboratory development. Total project cost is $3,600,000.

Executive Council

Alberta Research Council, New Facilities, Millwoods, Edmonton, Phase I: Construction on the main laboratory and administration building will continue throughout 1984 following completion and acceptance of the high head laboratories in May. Outfitting design work for major users will be completed during late summer. The schedule for occupancy remains at early 1985 and the total project cost will be $62,000,000.

Alberta Research Council, Clover Bar Laboratory and Pilot Plant: Renovations and alterations to the laboratory building and pilot plant, consisting of code upgrading and functional improvements, were completed. Total project cost is $470,000.

Work started on plans to renovate and extend a laboratory in the pilot plant. Estimated project cost is $48,500.

An energy conservation study was commissioned to consultants who prepared contract documents for energy conservation measures to be undertaken. The estimated payback period is two years. Estimated total project cost is $350,000.

Alberta Public Works, Supply & Services Maintenance Shop at Alberta Research Council, Clover Bar: Construction work is nearing completion on an addition to the Alberta Public Works, Supply and Services Maintenance Shop. Estimated total project cost $174,300.

Hospitals and Medical Care

Blood Transfusion Service Building, Edmonton: Construction commenced in September 1983 and will continue until April 1985 on this new facility located next to the Walter C. McKenzie Health Sciences Centre. Final laboratory layouts proceeded during 1984 and the project cost will be $15,200,000.

Public Works

Office Building, 97th Street, Edmonton: Construction continued on this facility, which with 45,000 m^2 gross floor area and over 400 parking stalls will accommodate head office functions for the departments of Solicitor General and Attorney General, including Land Titles. Construction will be complete by end of 1984 and occupancy will commence during the first quarter of 1985.

Provincial Building, Rocky Mountain House: The main contract will be complete in July 1984. Following tenant improvements, occupancy will commence in September. The 5,000 m^2 facility, which includes a new court, will cost $6,150,000.

Office Building Farm Site, Edmonton: Work was completed on the headquarters building of Public Works, Supply and Services. Located at Belgravia Road and 113 Street, the project cost $27,600,000.

Recreation and Parks

Construction continued on the Shorefront Development at Cypress Hills Provincial Park.

Social Services and Community Health

Baker Centre, Calgary: Miscellaneous renovation work on functional and code upgrading was begun on several buildings. Estimated total project cost is $187,000.

Claresholm Care Centre, Claresholm: Construction work was completed on the kitchen waste handling and acoustic treatments in the cafeteria. Total project cost is $135,000.

Single Men's Hostel, Edmonton: Emergency renovations are being planned to provide accommodation for social workers. Estimated project cost is $102,000.

Child Adult Care Group Home, Edmonton: A pair of duplex houses was renovated and converted into a group home for eight residents plus house parents. Project cost excluding purchase cost was $100,000.

Westfield Centre, Edmonton: 1) A maintenance shop of Alberta Public Works, Supply and Services was completed and will serve both Westfield and the Juvenile Receiving and Detention Centres. Project cost was $220,000. 2) Three cottages were renovated and upgraded for a project cost of $358,000. 3) Contract documents are being prepared to renovate Diagnostic Unit #2 to provide living and program space for 10 residents. Estimated project cost is $253,000.

Youth Assessment Centre, High Prairie: Contract documents are being prepared to repair deficiencies due to floor slab settlement. Estimated project cost is $300,000.

Raymond Home, Raymond: Public Works, Supply and Services office trailer was moved from Claresholm to this facility and staff were moved out of the main building to provide expansion space in Raymond Home. Additional parking was also provided for a project cost of $95,000.

Alberta Hospitals, Edmonton and Ponoka: Governance of these facilities was transferred from Social Services and Community Health to individual Boards this year.

Michener Centre, Red Deer: 1) Contract documents are being prepared to upgrade the electrical supply to the north site. Estimated project cost is $450,000. 2) Construction work on architectural and functional upgrading to various buildings throughout Michener Centre was completed for a total project cost of $508,132.

Youth Development Centre, Strathmore: Work was completed on this compulsory care facility which includes cottage-style residential units and academic support spaces.

Youngstown Home, Youngstown: Work was completed on the 80-bed residential and rehabilitation centre for socially disfunctional men.

Solicitor General

Edmonton Correctional Centre: Studies were completed to determine the new location for the replacement to the Fort Saskatchewan Correctional Centre. The new facilities are intended to house 360 inmates in a co-correctional medium security environment.

West Calgary Remand Centre: The site for the construction of this project was cleared, predrained and graded. The drawings and specifications for the construction of a 340-bed remand centre were completed. The tendering of this project was deferred by Alberta Solicitor General pending assessment of present and future bed requirements. Cost of this project is estimated at $53 million.

Lethbridge Correctional Centre: The 190-bed multi-purpose secure correctional centre was completed and occupied during the spring of 1983 at a total project cost of $28,800,000. A new greenhouse and ancillary facilities were constructed and completed at a cost of $400,000.

Edmonton Remand Centre: Redevelopment of the basement area was completed to include a new 36-bed short-term detention unit. This is integrated operationally with the intake/transfer release area and the completed link to the Edmonton Law Courts. Cost of the project was $1,400,000.

Peace River Correctional Centre: Completion and occupation of the new vocational shops took place in October 1983. This facility provides vocational training in carpentry, electrical, welding, painting, engine repairs, and native crafts. Cost of the project was $2,532,769.

Minimum Security Correctional Camps: Site work was completed on a new correctional camp at Pincher Creek for 30 inmates. The correctional camp at Medicine Lodge, near Edson, was relocated to a new site and expaded to accommodate 40 inmates. Upgrading was completed to utilities for the correctional camps located at Kananaskis and Fort McMurray. The cost of these projects was approximately $1 million.

Driver Examination Offices: Construction was completed of two new driver examination offices at Fort McMurray and Grande Prairie at a total cost of $2,926,846.

Calgary Remand Centre: Renovations and upgrading work continued at this facility, related to function, security and improvements to the physical plant. This work will be completed during 1984.

Provincial Correction Centre, Grande Cache: The development of a new 250-bed medium security facility commenced in 1983 and is scheduled for completion during April 1985. Total cost is $43,100,000. At March 31, 60 of the 90 separate construction contracts had been tendered. This new correctional centre will also have facilities for the detention and remand of offenders for the northwest part of Alberta.

Young Offenders Act: A Master Plan for the Capital Program of the Young Offenders Act was developed in conjunction with the Solicitor General's department. Planning and design of all required facilities will proceed upon approval of the Implementation Plan. The Youth Development Centre at Strathmore was transferred to the jurisdiction of the Solicitor General's department. Various security and functional modifications will be completed during 1984 at a cost of $500,000.

Tourism and Small Business

Several Travel Information Centres were completed and opened to the public during 1983-84.

The Travel Information Centre at Oyen was completed in March 1983 with the official opening held on June 22, 1983. Sentinel Travel Information Centre was completed in February 1983 with the official opening scheduled for June 1984.

Contract drawings were completed for the Lloydminster Travel Information Centre. Tenders were scheduled for May 1984, construction to begin in the summer of 1984.

Negotiations with the federal government for the land at Field, B.C. continued. Agreement is anticipated during 1984-85.

Transportation

Minor renovations and site improvements were completed during the year at 26 depot locations. Other development were as follows:

Barrhead:	Construction was completed for a 4-stall garage addition and renovation. Additional land purchase is still being negotiated.
Bonnyville:	Construction of a 9-stall garage and related facilities was completed.
Canmore:	Design and construction of a 4-stall garage and related facilities on the existing site were completed.
Donnelly:	Land was purchased for a new facility planned for construction in 1984-85.
Edmonton:	Construction for site paving and two storage sheds was completed. In addition, renovations to the test lab were completed.
Elbow Falls:	Design and construction of a 5-stall garage and related facilities were completed.
Grand Centre:	Design and construction for a 2-stall facility were completed.
Lethbridge:	Land purchase and planning for a new regional facility to replace the existing facility were deferred.
Rainbow Lake:	Construction commenced for a new 4-stall garage and related facilities.
Red Deer:	Land purchase and planning for a new regional facility were deferred.
Robb:	Construction for a 4-stall garage and related facilities was completed.
Sherwood Park:	Land was purchased for a 12-stall garage and related facilities. The design of the project was deferred.
St. Paul:	Land was purchased for a new regional facility. The design of the project was deferred.
Wetaskiwin:	Land was purchased for a new facility to replace the existing one. Design was completed and construction commenced.

Treasury Branches

The Treasury Branches construction program was not as extensive as in previous years. A total of 12 projects were developed. Of these, several were leased premises constructed specifically for Treasury Branches while others were tenant improvements in existing building shells.

New branches were established in Edmonton and Medicine Hat. New building facilities were provided at Caroline, Coronation, Fairview, Hythe, Nanton, and Rycroft.

PROJECT MANAGEMENT BRANCH, CALGARY

During the 1983-84 fiscal year, the Project Management Branch, Calgary, was responsible for 45 capital projects totalling $29,100,000. In addition, three Treasury Branch projects for $880,000 capital value were handled by the branch.

Tenders for a total of 67 capital construction projects were received in Calgary. Fifty of these projects, totalling $40,965,412, were prepared by the appropriate divisions in Edmonton but were handled through this branch for the convenience of the bidders. Seventeen projects totalling $16,497,895 were tendered for the Calgary branch.

For the fiscal year, 35 consulting firms were commissioned for the design and planning of 48 projects. The expenditures paid out to consultants amounted to $2,047,698. These expenditures included professional fees and expenses, and the cost of surveys, tests and related services. A list of commissions to private consultants, as managed by this branch, is shown in Appendix 6 on page 44.

SPECIFICATIONS AND STANDARDS BRANCH

The Specifications and Standards Branch is responsible for departmental construction specifications policies, practices and procedures.

During the 1983-84 fiscal year, the branch was responsible for setting the terms of reference for the preparation of all project specifications prepared by design consultants and departmental design personnel for the capital construction program. The branch also prepared the bidding and contractual conditions for all capital construction projects tendered by the department.

The unusual requirements and documentation needs of special projects were addressed. This included the development of the construction management agreement and special contractual provisions for the Grande Cache Correctional Institution, a fast-track, multiple-contract project.

Work continued on the updating and development of the branch's Master Specification System upon which all project specifications are based. A significant aspect of this upgrading involved the restructuring and rewriting of the conditions of the construction contract, including payment, security, insurance and other general conditions.

The branch was represented on the Interdepartmental Committee on Bonding, Holdback and the Public Works Act. As a result of this and other activities, including negotiations with the construction and surety industries, a labour and material payment bond form was developed and new policy on security and holdback implemented.

Refinement of the department's Alberta Content Program continued with the development and implementation of the Alberta Product Manufacturers Index. This lists Alberta construction product manufacturers and their products, and is provided to departmental personnel and private consultants for use in identifying Alberta products.

The branch continued to provide advice and guidance to other government departments and agencies on specifications matters, and liaised with the construction industry on construction contract issues.

SITE DEVELOPMENT DIVISION

During the 1983-84 fiscal year, the Site Development Division was involved in projects requiring 175 contracts for a total value of $15.1 million. These projects included:

- Site services and landscape development components of building facilities.
- Site locations and services development for five early childhood education facilities.
- Development of miscellaneous site services, landscape development and municipal systems on project sites, as well as extension of local services to the sites.
- Management of consultants for site information surveys, construction surveys, legal surveys for land acquisition, materials testing services, hydrogeological services, video pipe inspection services, and municipal design assignments.

In total, 149 consultant commissions were ongoing; payments made to consultants totalled $769,625. Details of these commissions are shown in Appendix 7 starting on page 47.

Also, the division's Administration Branch provided clerical support services and financial control for provision of consultants to the capital programs of Kananaskis Country Recreation Plan and Fish Creek Provincial Park, Calgary. For these programs, 33 commissions were ongoing and payments to consultants totalled $262,917. Details of these commissions are shown in Appendix 8 starting on page 56.

The division was responsible for site information reports and made arrangements with municipal authorities and utility companies for off-site services and completing municipal service agreements. Major and more complex projects involving the division included:

— Alberta Research Council, Edmonton

— Alberta Vocational Centre, Lac La Biche

— Westerra Institute of Technology, Stony Plain

— A.P.M.R.I./Tyrrell Museum of Palaeontology, Drumheller

— Ukrainian Cultural Heritage Village, Elk Island Park Vicinity

— Government Complex University Farm Area, Edmonton

— Crowsnest Pass Corridor Development, Crowsnest Pass (Frank Slide Interpretive Centre)

— Fish Hatchery, Cold Lake

— Provincial Correctional Centre, Grande Cache

— Tar Sands Interpretive Centre, Fort McMurray

— Cypress Hills Provincial Park, Elkwater Shorefront Development

In addition, a consultative service was provided to other divisions in the department as well as to other government departments. This service involved

the preparation of technical reports, assessments of utilities systems, operation and maintenance reports, and the resolution of complex design problems in the site development discipline affecting projects assigned to consultants. Concept reviews were also conducted on consultant designs in order to assure adherence to government policy and standards.

Until September 1, 1983, the division's special projects section directed the operations of the Mountainview Regional Water System which includes the Airdrie Water Supply and Red Deer Regional Water System. These responsibilities were subsequently transferred to the Property Management Division.

TECHNICAL SERVICES DIVISION

The Technical Services Division has basically the same responsibilities and personnel as the former Design Branch. The responsibilities include the provision of design services, design reviews, technical reports, feasibility studies and technical opinion and advice related to its fields of expertise. The division is composed of these branches: Architectural, Structural/ Geotechnical Engineering, Mechanical Engineering, and Electrical Engineering.

Technical design standards for all capital projects are set by the division and introduced to the private sector consultants during project conception and preliminary design reviews. The division's professionals are also available throughout the design and construction phases as technical advisors.

During the reporting period, the division completed working drawings for the design and construction inspection of 61 projects with a total construction value of $4,183,748. These were small projects (average $70,000), typically renovations and upgrading existing buildings or building systems. Twenty-one formal feasibility studies and building evaluation reports were produced, and numerous informal opinions were provided.

Addition to the division's mandate during the year of the responsibility for the geotechnical engineering program for the department necessitated acquiring specific geotechnical engineering expertise. Appendix 9 on page 59 shows the geotechnical consultants hired through the division to help meet this need.

The division was involved in a study on the feasibility and implementation of commissioning all new capital projects.

Appendix 1

PROJECTS ACCEPTED AND COMPLETED
April 1, 1983 to March 31, 1984

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
PONOKA Alberta Hospital, Office & Classroom Facilities	Atco Structures	$ 174,368	$ 30,408	—	$ 204,766	83-04-01
LEDUC Maintenance Garage, Metal Storage Shed	Steelbrace Contract Management (Edm.) Ltd.	34,405	3,404	—	38,809	83-04-05
BARRHEAD Alberta Correspondence School	Kraft Construction Company (1978) Ltd.	7,630,000	116,357	$ 23,460	7,769,818	83-04-11
St. ALBERT A.L.C.B. Central Offices, Contract #8	Pentagon Industries Ltd.	15,778,116	620,939	326,343	16,725,398	83-04-12
LETHBRIDGE Environment Yard, Wash Bay, Addition & Renovations to Shop Building	Adamix Concrete & Construction Co. Ltd.	405,553	425CR	36,126CR	369,001	83-04-14
WETASKWIN Courthouse	Ed Penner Construction Ltd.	3,596,904	71,492	9,511	3,677,907	83-04-14
CALGARY Southern Alberta Jubilee Auditorium, Functional Upgrading & Refurbishing	Bennett & White Western Ltd.	6,119,724	3,436	29,571CR	6,093,588	83-04-18
CALGARY Southern Alberta Jubilee Auditorium, Functional Upgrading & Refurbishing	Gloge Mechanical Contractors	6,750	—	—	6,750	83-04-19
PINCHER CREEK Fish & Wildlife District Warehouse, Upgrade Existing Warehouse	Norse Construction Ltd.	29,878	2,866	—	32,744	83-04-19

* Totals may not tally due to deletion of cents throughout this appendix.

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
KANANASKIS Family Recreation Centre, Club Storage Addition (Foundation)	H.L. Bassen Construction Ltd.	8,750	—	—	8,750	83-04-20
WHITECOURT Treasury Branch, Renovations	Renso Construction Ltd.	84,882	6,094CR	—	78,787	83-04-20
PONOKA Alberta Hospital, Hopewell South, Fire Alarm System	Triple S Electric Ltd.	4,926	—	—	4,926	83-04-21
ST. PAUL Correctional Centre, Ventilation	Gen—Mec Construction Co. Ltd.	79,406	9,382CR	—	70,023	83-04-21
GRANDE PRAIRIE Youth Assessment Centre, Shop Addition	Shemae Builders Ltd.	220,964	2,075CR	—	218,888	83-04-22
EDMONTON Belmont Correctional Institution, Inmate Showers	M. Blais Contracting Ltd.	39,114	235	—	39,349	83-04-26
BOYLE A.L.C.B. Store	Watson Tofield (1973) Ltd.	449,154	3,279	10,726	463,160	83-04-27
LACOMBE Field Research Centre, Storage Warehouse	Shannon & Sims Development Ltd.	247,474	15,051	2,870	265,396	83-04-29
PONOKA Alberta Hospital Renovations to Hopewell Building (South), Administration	Braunfel Eng. & Construction Ltd.	47,225	5,369	—	52,594	83-04-29
BROOKS Wildlife Centre, Site Development (Camp Shelter & Picnic Tables)	Adam's Roofing & Construction	22,200	—	—	22,200	83-04-30
BARRHEAD Provincial Building Treasury Branch Expansion, 2nd Floor Renovations	Renso Construction Ltd.	119,119	16,000CR	—	103,119	83-05-02
CALGARY John J. Bowlen Building, Public Trustees Vault	Bayker Construction	11,510	—	—	11,510	83-05-03

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
BONNYVILLE Maintenance Garage 9—Stall Garage & Related Facilities	Noralta Construction Ltd.	826,128	6,757	20,771	853,656	83-05-04
CLARESHOLM Claresholm Care Centre	Glen Little Construction Ltd.	121,450	1,118	1,789CR	120,779	83-05-04
SCOTT LAKE Maintenance Garage (Hoist Pit Sump)	Kahler Plumbing & Heating Ltd.	9,415	—	—	9,415	83-05-04
HINTON Blue Lake Centre, Site Development & Storage Building	Canstrand Construction Ltd.	26,934	—	—	26,934	83-05-13
HINTON Maintenance & Repair Depot, Storage Shed	Steelbrace Contract Management (Edm.) Ltd.	39,900	—	—	39,900	83-05-13
CALGARY Computer Centre, Treasury Branch, Computer Operations, Ford Tower	Cougar Contractors Ltd.	151,007	385CR	5,719	114,902	83-05-16
EDSON Maintenance & Repair Depot, Tool Room & Storage Shed	B.G.A. Builders & Concrete Ltd.	20,955	—	—	20,955	83-05-18
FORT VERMILION Provincial Court, Disposal of 3—Storey Frame Building	ABBA Demolition & Excavating Ltd.	14,411	—	—	14,411	83-05-19
EDMONTON Miscellaneous Demolition Projects, Various (Scona Campus)	Visco Rentals & Contractors Ltd.	11,874	—	—	11,874	83-05-20
FORT McMURRAY Opportunity Corps Improvements	Easco Developments Ltd.	112,997	2,200	—	115,197	83-05-26
EDMONTON Holy Redeemer College, Disposal of Storage Building	Visco Rentals & Contractors Ltd.	784	—	—	784	83-05-27
HINTON Maintenance & Repair Depot, Mobile Office	Territorial Leasing Ltd.	22,112	113	—	22,225	83-05-27

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
FORT McMURRAY Youth Assessment Centre, Kitchen Air Conditioning Storage & Maintenance	Fort McMurray Refrigeration	25,895	—	—	1,415	83-05-30
CALGARY Medical Examiner Facility, Electrical Work	W. Got & Associates Electric Ltd.	1,415	—	—	1,415	83-05-30
FORT MACLEOD Travel Information Centre, Increase Washrooms & Landscape Site	Frans Feyter Construction Ltd.	54,160	1,237CR	864CR	52,057	83-05-30
EDMONTON Prototype Laboratory Bench for Blood Transfusion Building	Noric Millwork Ltd.	1,596	—	—	1,596	83-05-31
STONY PLAIN Courthouse & Provincial Building Inspection, Supply & Install Fire Labels	Warnock Hersey Professional Services	570	—	—	570	83-05-31
CYPRESS HILLS Elkwater Shorefront Development, Phase IV, Beaver Creek Boardwalk	Fel—Koh Excavating Ltd.	124,796	3,358	—	128,154	83-06-01
LETHBRIDGE Lethbridge Community College, Alberta Environmental Metal Storage Building	Kenwood Construction Ltd.	86,200	440CR	—	85,760	83-06-01
ASPEN BEACH Provincial Park, Shower Building Renovations	The Sealer Man	10,525	487	—	11,012	83-06-02
KANANASKIS Family Recreation Centre, Addition (Superstructure)	Pro—Forma Construction Ltd.	34,900	710	1,690	37,300	83-06-02
KANANASKIS Gooseberry Information Centre	Penn—Co Construction	357,787	6,599	6,234	370,621	83-06-03
WEMBLEY A.L.C.B. Store	Team West Contractors Ltd.	287,361	1,483	1,981	290,825	83-06-04

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
CALGARY Southern Materials Resource Centre, Radisson Plaza, Phase II	Introm Industries Western Ltd.	111,397	99	5,376CR	106,120	83-06-06
EDMONTON Legislature Grounds, Hard & Soft Landscaping	Cavan Construction Ltd.	8,988,400	528,367CR	95,773CR	8,364,258	83-06-06
KANANASKIS Bow Valley Dining & Staff Housing (Seasonal Staff Housing)	Holt—Stein Builders Ltd.	174,164	4,053	1,345	179,563	83-06-06
ELK ISLAND PARK VICINITY Ukrainian Cultural Heritage Village, Relocation of Structure, Old Vegreville Orthodox Church & Bell Tower	Mix Bros. Services Ltd.	44,980	—	—	44,980	83-06-08
FORT ASSINIBOINE Maintenance Garage, Metal Storage Shed	D. Ostrander Construction Ltd.	28,013	—	—	28,013	83-06-08
WHITECOURT Forest Headquarters Warehouse Office Mobile Shelving, Security	D. Ostrander Constuction Ltd.	1,757	—	—	1,757	83-06-08
BEISEKER A.L.C.B. Store	Steelbrace Contract Management (Edm.) Ltd.	174,794	300CR	1,573	176,067	83-06-10
EDMONTON Alberta Disaster Services, Addition of Humidification System	Clegg—Dunn Plumbing & Heating Ltd.	29,200	—	—	29,200	83-06-13
RIMBEY Regional Parks Workshop, Fuel Storage Shed	Makloc Metal Buildings	10,200	—	—	10,200	83-06-15
FORT McMURRAY Driver Examination Centre	L. C. Greenough Construction Ltd.	1,439,239	20,778	16,338	1,476,356	83-06-16
CYPRESS HILLS Provincial Park, Contract #8, Marina Building	Cummins Developments Ltd.	223,970	12,800	2,448	239,219	83-06-17
LETHBRIDGE Courthouse, Landscaping & Site Development	Cedar Crest Lands Ltd.	470,891	8,543	4,510	483,945	83-06-20

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
CALGARY Adolescent Care Centre, Wood's Christian Homes (Site Development), Grading	Clareview Landscaping Ltd.	76,300	2,684	4,212CR	74,772	83-06-21
MILK RIVER Travel Information Centre (Wood Storage Shed)	Revelstoke Companies	2,097	—	—	2,097	83-06-21
OYEN Travel Information Centre, Staff Accommodation Trailer	Atco Structures	43,703	—	—	43,703	83-06-23
CALGARY Computer Centre, Public Works, Supply & Services, John J. Bowlen Building	Mirtren Contractors Ltd.	577,919	13,671	28,092	619,682	83-06-27
EDMONTON Rosecrest Home Renovations, Storage Facility	Saval Developments Ltd.	12,346	—	—	12,346	83-06-27
ALLISON CREEK Alberta Brood Trout Farm, Ancillary Mechanical & Electrical Work	Trotter & Morton Ltd.	80,866	7,648	—	88,534	83-06-28
CALGARY Fish Creek Provincial Park, Program Areas, Areas 1 & 7, Contract 151	Kamphof Construction Ltd.	106,715	2,887	685CR	108,917	83-06-30
GRANDE PRAIRIE Provincial Building, Concrete Ramp Renovations	Turner & Sons Construction Ltd.	3,457	—	—	3,457	83-06-30
GRANDE PRAIRIE Provincial Building, Motorized Overhead Service Door	Steel Craft Overdoor Grande Prairie	1,375		—	1,375	83-07-06
WHITECOURT Forest Headquarters Centre, Maintenance Building	Dosdall Construction	82,945	2,580	—	85,525	83-07-07
EDMONTON Office Building, University Farm Site	PCL Construction Ltd.	24,783,937	603,421	102,663	25,490,022	83-07-08
HYTHE Treasury Branch	Trio Grande Construction Ltd.	462,950	17,988	3,292CR	477,646	83-07-12

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDMONTON Remand Centre, Heating & Ventilation Modifications	Pentagon Industries Ltd.	132,500	10,000CR	—	122,500	83-07-13
EDMONTON Treasury Branch, Renovations, Alberta Place	Macson Ltd.	5,850	—	—	5,850	83-07-13
KANANASKIS Family Recreation Centre, Golf Course Starter Building	Ed Penner Construction Ltd.	112,900	3,269	9,426	125,596	83-07-19
STETTLER Renovations to Maintenance Facilities, Sump Pump Installations	Saracen Construction Ltd.	3,524	125	—	3,649	83-07-19
EDMONTON Building Sciences Workshop, Storage Shed for Facility	Tri—Lin Construction Ltd.	25,063	584	—	25,647	83-07-20
HANNA Provincial Building, Court Consolidation, Partition Alterations to Library	Phil's Construction Ltd.	9,458	205	—	9,663	83-07-20
RIMBEY Provincial Building & Courthouse, New Ceiling to Lobby	Alpine Drywall & Plastering	5,595	—	—	5,595	83-07-20
CANMORE Provincial Building, Renovations to Court Facilities	Swiss—Can Woodworking Ltd.	10,333	—	330	10,663	83-07-21
FORT McMURRAY Provincial Building Health Unit Dental Operatory Services	Raven Plumbing & Heating Ltd.	26,500	—	—	26,500	83-07-22
FORT McMURRAY Provincial Courthouse, Mechanical Change	Forish Plumbing & Heating Ltd.	11,900	—	—	11,900	83-07-22
BRUDERHEIM A.L.C.B. Store	Silcan General Construction Ltd.	236,787	6,734	—	243,521	83-07-25
STONY PLAIN Courthouse, Guard Rails for Entry	Mainland Crystal Glass Ltd.	353	—	—	353	83-07-26

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
STONY PLAIN Provincial Building, Guard Rails for Entry	Mainland Crystal Glass Ltd.	353	—	—	353	83-07-26
ELK ISLAND PARK VICINITY Ukrainian Cultural Heritage Village, Food Kiosk Renovations	E & P Construction Ltd.	10,550	1,132	—	11,682	83-07-28
EDMONTON Alberta Research Council, Contract #2, New Laboratory Administration Buildings, Phase I	Heron Construction Ltd.	647,154	40,150	11,780	699,085	83-07-29
SENTINEL Travel Alberta Information Centre, Staff Accommodation Trailer	Atco Structures	43,500	—	—	43,500	83-08-01
RAYMOND Provincial Building Site, Demolition & Disposal for Wood Building Superstructure	D & M Cattle & Trucking (Raymond) Ltd.	2,900	—	—	2,900	83-08-02
SLAVE LAKE New Forest Headquarters, Office Sidewalk	Lakeshore Builders & Building Supplies	5,255	—	—	5,255	83-08-02
EDMONTON A.L.C.B. Store, Summerlea	Lear Construction Services Ltd.	609,130	13,211	18,254	640,596	83-08-04
LAC LA BICHE Maintenance & Repair Depot, Storage Shed	Vanderspoel Construction Ltd.	39,768	—	—	39,768	83-08-04
EDMONTON Old St. Stephen's College, Renovations to 3rd Floor, West Wing	Pentagon Industries Ltd.	106,950	1,227CR	—	105,722	83-08-05
KANANASKIS Barrier Lake Travel Information Centre (Window Modifications)	Swiss—Can Woodworking Ltd.	3,160	—	—	3,160	83-08-08
DEVON A.L.C.B. Store	Atcon Development Ltd.	443,790	6,867	862	451,520	83-08-12
EDMONTON Supply & Services Supply Centre Warehouse	Graham Construction Ltd.	1,285,864	79,868	—	1,365,732	83-08-15

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
GRAND CENTRE Maintenance & Repair Depot, 2—Stall Garage & Related Facilities	Omex Construction Corporation Ltd.	338,895	14,048	19,515	372,459	83-08-17
GRANDE PRAIRIE Driver Examination Office	Dan's Construction (1977) Ltd.	1,487,607	11,106	5,628	1,504,341	83-08-24
LETHBRIDGE Disposal of 10 Residences & 5 Garages	Dueck Enterprises Ltd.	9,899	—	—	9,899	83-08-25
AIRDRIE Provincial Building Site, Disposal of House & Garage	G.H. Snow Construction Co. Ltd.	6,362	—	—	6,362	83-08-26
CALGARY Computer Centre, Treasury Branch, Ford Tower, System Landscape Partitions	Artmet Products Ltd.	166,266	—	13,044CR	153,222	83-08-26
LETHBRIDGE Demolition & Disposal of Agriculture Storage Warehouse	Wearmouth of Calgary Demolition Contractors Ltd.	32,060	—	4,215CR	27,845	83-08-29
CROWSNEST PASS Leitch Collieries Interpretive Centre	Wesbridge Construction Ltd.	1,098,000	2,015CR	9,143	1,105,128	83-08-30
EDMONTON Remand Centre, Unassigned Basement Areas, Develop Intake & Detention Facilities	Pentagon Industries Ltd.	819,900	24,273CR	314	795,941	83-08-31
ALFORD LAKE Hunter Training Camp, Permanent Power Supply	Modern Electric Rocky Ltd.	5,400	398	—	5,798	83-09-01
EDMONTON School for the Deaf, Fire Alarm System	Ericstad Construction Ltd.	25,490	1,118CR	—	24,371	83-09-01
RAYMOND Disposal of Masonry Structures, Foundations & Related Site Work	Top Line Construction Ltd.	19,700	—	—	19,700	83-09-05
OLIVER Provinicial Tree Nursery, Storage Building (Building Rectifications)	Confederation Mechanical Contractors	19,798	—	—	19,798	83-09-06

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
BONNYVILLE Fish & Wildlife District Warehousing, (Heat & Washroom Facilities)	R. Vincent Construction Ltd.	31,800	—	—	31,800	83-09-07
GRANDE PRAIRIE Courthouse, Security Grille Doors	Overhead Door Co. of Grande Prairie	18,625	—	—	18,625	83-09-07
AIRDRIE Maintenance & Repair Depot, Alterations	Gillett Construction (Calgary) Ltd.	101,825	550CR	18,172CR	83,102	83-09-08
CALGARY Medical Examiner Facility, Modifications	Gillett Construction (Calgary) Ltd.	3,500	—	—	3,500	83-09-08
EDMONTON Group Home Child/Adult Care	B & B Developments Ltd.	78,910	8,841	4,037	91,788	83-09-12
ST. ALBERT A.L.C.B. Warehouse & Central Offices, Contract #10, Soft Landscaping	Land Tec Landscape Contractors Ltd.	227,532	21,488	10,462	259,483	83-09-12
VEGREVILLE Maintenance & Depot, Metal Storage Shed	Vanderspoel Construction Ltd.	36,627	—	—	36,627	83-09-12
EDMONTON Law Courts Addition, Phase VI, Alterations to Existing Building Contract A	Graham Construction Ltd.	3,858,401	9,811	4,167	3,872,379	83-09-14
EDMONTON Parsons Properties, Renovations to Alberta Research Council Laboratories	Santos Construction Ltd.	75,000	2,088CR	—	72,911	83-09-15
BOW ISLAND Treasury Branch, Basement Waterproofing & Alterations	Thomson & Sons	49,815	—	3,842CR	45,972	83-09-16
STONY PLAIN Provincial Building & Courthouse, Electrical Revisions	Quality Electric Ltd.	1,109	85	—	1,194	83-09-16
CROWSNEST PASS Provincial Building	Newklas Construction Canada Ltd.	4,322,803	29,856	17,431	4,370,091	83-09-19

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDMONTON Detoxification Centre	Westfor Construction & Development Ltd.	774,000	25,564	6,232	805,797	83-09-19
HIGH LEVEL Maintenance & Repair Depot, Fuel Pumps	Northern Services Ltd.	16,811	—	—	16,811	83-09-20
RED DEER Courthouse	Richard & B.A. Ryan Ltd.	9,134,367	176,192	32,975	9,343,534	83-09-20
RAYMOND Raymond Home, Office Trailer	Victor Kingston Construction Ltd.	7,204	607	—	7,811	83-09-21
ROBB Maintenance & Repair Depot, 4—Stall Garage & Related Facilities	Chandos Construction Ltd.	508,500	101,213	8,348	618,062	83-09-22
VARIOUS Transportation Salt Sheds	Beton Structures Ltd.	671,400	7,136	—	678,536	83-09-22
FORT McMURRAY Provincial Building, Revision to Fire Lane for Code Requirements	Forish Plumbing & Heating Ltd.	7,800	—	—	7,800	83-09-23
GRANDE PRAIRIE Youth Assessment Centre, Shop Addition (Deficiency Clean—up)	Team West Contractors Ltd.	13,896	—	—	13,896	83-09-23
EDMONTON Alberta Petroleum Centre (Rig Pad)	Cana Construction Co. Ltd.	49,254	—	—	49,254	83-09-26
EDMONTON Legislature Grounds, Foundation & Relocation of Commissionaires Booth	Elwood Construction Ltd.	1,670	—	—	1,670	83-09-26
LAC LA BICHE Alberta Vocational Centre, Temporary Space within the Provincial Building	Keller Construction Ltd.	88,900	141CR	—	88,758	83-09-26
CALGARY Medical Examiner Facility, Electrical Addition	O.J. Electric Ltd.	500	—	—	500	83-09-28
EDMONTON Sun Building Renovations	Galindo Enterprises & Developments Ltd.	60,821	560	—	61,381	83-09-28

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
PEACE RIVER Correctional Institution, Vocational Workshop	Binder Construction Ltd.	2,523,769	139,610	45,320	2,717,699	83-09-29
BARRHEAD Alberta Correspondence School, Landscape Development	Kraft Construction Company (1978) Ltd.	125,298	724	451	126,474	83-09-30
WETASKIWIN Fish & Wildlife District Warehousing	Vanderspoel Construction Ltd.	158,012	—	—	158,012	83-10-02
EDMONTON Law Courts Addition Phase V	Cana Construction Co. Ltd.	29,847,000	817,649	489,943	31,154,592	83-10-03
EDMONTON Supply Centre Warehouse, Conveyor System	Univeyor B.C. Ltd.	215,172	12,034	—	227,206	83-10-03
EDMONTON Supply Centre Warehouse, Racking Shelving System	Pacific Warehouse Equipment Ltd.	389,803	6,218CR	—	383,584	83-10-03
GRANDE CACHE Contract #2, Provincial Correctional Centre Living Units Piling	Canada Caisson Company Ltd.	208,260	19,500	—	227,760	83-10-03
GRANDE PRAIRIE Forest Headquarters Fencing & Site Grading	Dan's Construction (1977) Ltd.	25,818	—	—	25,818	83-10-03
NARROW LAKE Hunter Training Camp, Permanent Power Supply	Arnold's Electric Ltd.	8,919	—	—	8,919	83-10-03
BARRHEAD Alberta Correspondence School (Scope Revisions — Interior Work)	R & V Electric Ltd.	9,745	—	—	9,745	83-10-04
EDMONTON Legislature Grounds, Experimental Surface Treatment Membrane South Parkade	Desco Coatings of Alberta Ltd.	18,871	—	—	18,871	83-10-04
EDMONTON Legislature Grounds Commissionaires Booth & 107th Street Access Ramp	Elwood Construction Ltd.	23,025	1,893	—	24,918	83-10-04

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDSON Fish & Wildlife District Warehouse, Upgrade Existing Facilities (Freezer)	T.K.N. Construction Ltd.	58,148	105	—	58,253	83-10-05
VALLEYVIEW Fish & Wildlife District Warehousing	Bloomfield Construction Ltd.	114,975	6,039	—	121,014	83-10-05
LAC LA BICHE Alberta Vocational Centre, New Campus & Student Housing, Site Earth Removal	A.K. Construction Ltd.	18,225	—	—	18,225	83-10-06
CALGARY Remand Centre, Renovations to Existing Remand Centre	Hornstrom Bros. Construction Ltd.	179,940	—	3,938CR	176,001	83-10-11
GRAND CENTRE A.L.C.B. Store	Western Canadian Structures Ltd.	794,651	11,860	—	806,511	83-10-12
EDMONTON O.S. Longman Building, Renonvations Phase I, (1st, 3rd & 4th Floors)	Rescom Development Group Ltd.	362,069	1,143CR	—	360,925	83-10-14
LAC LA BICHE Alberta Vocational Centre, Contract #1 Family Housing & Common Building	Keller Construction Ltd.	3,749,000	11,807	7,619CR	3,753,188	83-10-14
FORT McMURRAY Provincial Building, Control Information Desk	Kison Construction Ltd.	1,458	—	—	1,458	83-10-19
RED DEER Michener Centre, Functional Upgrading Program, South Site	A. Grieb Construction Co. Ltd.	145,170	10,430CR	—	134,739	83-10-19
EDMONTON Office Building, University of Alberta Farm Site, Supply & Installation of Window Blinds	Rodco Draperies & Installations Ltd.	55,993	5,043	—	61,036	83-10-20
GRIMSHAW Maintenance & Repair Depot, Metal Storage Shed & Site Development	Varnerin Construction Ltd.	19,880	—	—	19,880	83-10-21
ST. ALBERT A.L.C.B. Warehouse & Central Offices, Contract #9, Site Development	Wells Construction Ltd.	1,495,782	137,356	1,050	1,634,188	83-10-21

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
CALGARY S.A.I.T., Additional Equipment for Heating & Cooling Plant	The State Electric Co. Ltd.	483,750	—	40,956CR	442,793	83-10-24
VARIOUS LOCATIONS Portable Classroom Facilities (Bassano, Olds (2), Lougheed, Calgary)	Atco Structures	265,982	1,700CR	1,016	265,297	83-10-24
CALGARY Adolescent Treatment Centre, Site Development (Dust Extraction System)	Mirtren Contractors Ltd.	49,824	3,042	—	52,866	83-10-28
EDMONTON Alberta Research Council, Contract #2A, Phase I, New Administration & Lab Building, Warehouse & Fixtures	AKU Construction Ltd.	74,153	844	—	74,997	83-10-31
EDMONTON O.S. Longman Building, Renovations Conference Centre	Vogue Contracting Ltd.	33,300	480	—	33,780	83-11-01
SLAVE LAKE New Forest Headquarters, Recirculation Fans & Heat Tracing	Northview Electrical Systems Ltd.	16,980	—	—	16,980	83-11-01
OLIVER Provincial Tree Nursery, Header House, Seedling Storage & Lath House	Keller Construction Ltd.	596,425	38,697	416	635,538	83-11-02
EDMONTON Reinstatement of Parking Lot West of High Level Bridge into Parkland	Kiwi Landscaping (1983) Ltd.	24,667	600	—	25,267	83-11-04
EDMONTON Westfield Centre Renovations to Three Cottages	Rescom Development Group Ltd.	333,332	6,732	—	340,064	83-11-04
LAC LA BICHE Alberta Vocational Centre, Contract #4 New Campus & Student Housing, Roads & Sidewalks	Border Paving Ltd.	214,995	—	—	214,995	83-11-04

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
NANTON Treasury Branch	Norem Construction Ltd.	518,500	8,565	18,853	545,919	83-11-04
CANMORE Salt Storage Shed	Beton Structures Ltd.	74,800	10,718	—	85,518	83-11-08
DRUMHELLER Courthouse	Bennett & White Western Ltd.	3,229,556	53,032	5,223	3,287,812	83-11-10
GRANDE CACHE Contract #1 Provincial Correctional Centre, Site Clearing & Grading	U.C.M. Properties Ltd.	566,453	135,235	—	701,688	83-11-10
GRANDE CACHE Contract #5, Provincial Correctional Centre, Living Unit Concrete Grade Beam	Fayben Contractors Ltd.	216,800	19,195	—	235,995	83-11-10
WHITECOURT A.L.C.B. Store	Noranda Builders Ltd.	432,900	13,196	2,608	448,705	83-11-15
STONY PLAIN Provincial Building, Mechanical Alterations	L.A. Brayer Industries Ltd.	5,261	—	—	5,261	83-11-17
STRATHMORE Southern Alberta Youth Development Centre	Sillman Company (Construction) Limited	6,249,243	91,502	21,565	6,362,311	83-11-18
ALLISON CREEK Alberta Brood Trout Farm Phase II Contract 4 (Deficiency Clean Up)	Norse Construction Ltd.	18,882	1,142	285CR	19,740	83-11-28
HIGH RIVER Renovations & Improvements, Repair to Floor Slab Settlement	Frontier Pressurecon Ltd.	1,745	—	—	1,745	83-11-28
RYCROFT Treasury Branch	M. P. Madsen Construction Inc.	505,040	5,804	—	510,844	83-11-30
CALGARY Medical Examiner Facility (Additional Equipment Work)	O. J. Electric Ltd.	3,500	—	—	3,500	83-12-02
EDMONTON Law Courts Addition, Phase IV, Alterations to Existing Building, Millwork	Commercial Woodcrafts (1960) Ltd.	1,750	—	—	1,750	83-12-05

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDSON Maintenance Yard, Second Storage Shed	T.K.N. Construction Ltd.	45,778	—	—	45,778	83-12-05
PENHOLD Alberta Research Council, Renovations to Hail Study Building	Slim Cunningham Ltd.	38,700	2,662	—	41,362	83-12-05
STONY PLAIN Provincial Building, (Skylight on Roof Repair)	Aetna Roofing Ltd.	20,760	—	—	20,760	83-12-05
CORONATION A.L.C.B. Store	Silcan General Construction Ltd.	270,163	50,860CR	—	219,302	83-12-06
ST. PAUL Miscellaneous Demolition Projects, Future Maintenance & Repair Depot	Rae—Dawn Construction Ltd.	1,900	—	—	1,900	83-12-06
OYEN Fish & Wildlife Warehousing (New Facility)	Saracen Construction (1974) Ltd.	126,680	—	—	126,680	83-12-07
RED DEER Michener Centre, Functional Upgrading Program, North Site	A. Grieb Construction Co. Ltd.	362,962	19,337	—	382,299	83-12-07
STONY PLAIN Provincial Building, Remedial Work	Ericstad Construction Ltd.	8,887	—	—	8,887	83-12-09
YOUNGSTOWN Youngstown Home	Charter Construction Ltd.	2,924,000	80,473	37,907	3,042,380	83-12-13
CORONATION Treasury Branch	Omex Construction Corporation Ltd.	484,160	38,031	14,621	536,812	83-12-14
EDMONTON Capilano A.L.C.B. Store Addition	Intex Construction Corporation	183,189	19,418	—	202,607	83-12-14
GRANDE CACHE Contract #13, Provincial Correctional Centre, Central & Industrial Area	Canada Caisson Company Ltd.	230,138	14,236	—	244,374	83-12-15
GRANDE CACHE Contract #20, Provincial Correctional Centre, Administration Building, Piling	Canada Caisson Company Ltd.	56,421	931	—	57,353	83-12-15

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
GRANDE PRAIRIE Provincial Building (Various Alterations)	K. Shaw & Sons Contracting Ltd.	3,900	385	—	4,285	83-12-15
INNISFAIL Renovations & Improvements, (Electrical Layout & Details)	Ruttle Electric Ltd.	891	—	—	891	83-12-16
LEDUC Food Processing Development Centre, Lower Supports & Hangers for Ductwork & Piping	Western Poly Gas Distributors Ltd.	16,250	—	—	16,250	83-12-16
EDMONTON Supply and Services, Supply Centre (Alarm System)	Mandala Security & Energy Electronics	23,292	2,096	—	25,388	83-12-19
MEDICINE HAT Treasury Branch	Wahl Builders Ltd.	457,400	321CR	1,027	458,106	83-12-19
GRANDE PRAIRIE Provincial Building, Storage Partitions	Smashnuk Fencing Ltd.	5,450	—	—	5,450	83-12-20
EDMONTON Medical Examiner Facility, Resurfacing Morgue Floor	Desco Coatings of Alberta Ltd.	8,735	—	—	8,735	83-12-25
BARRHEAD Maintenance & Repair Depot, 4 - Stall Garage & Related Facilities	Barr Construction (1974) Ltd.	340,925	180	—	341,105	83-12-29
HINTON Forest Technology School, Renovations to Food Facilities	Binder Construction Ltd.	674,536	8,198	—	682,734	83-12-29
EDMONTON N.A.I.T., Alterations to Construction Wing (Dust Collection System)	Lockerbie & Hole Company Ltd.	346,000	8,560	—	345,560	84-01-04
EDMONTON Office Building, University Farm Site (Training Rooms)	Ken Lewis Media Consultants	79,500	—	—	79,500	84-01-04
BASSANO Metal Shed, Flagpoles, Acoustical Work & Concrete Wheel Stops	Stud Carpenter Service Ltd.	4,900	—	—	4,900	84-01-06

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDMONTON Supply & Services Centre Warehouse (Floor Scale Alterations)	Galindo Enterprises Ltd.	4,525	—	—	4,525	84-01-06
LAC LA BICHE Alberta Vocational Centre, Contract #3, New Campus & Student Housing, Block Five Family Housing	Keller Construction Ltd.	232,900	141CR	—	232,758	84-01-10
ELK POINT Provincial Court, Metal Shed, Flagpole & Acoustical Work	Cheemo Building Centre	5,181	—	—	5,181	84-01-11
LETHBRIDGE Courthouse, Alterations to Holding Rooms	Gillett Construction (Calgary) Ltd.	16,985	—	1,693	18,678	84-01-12
SUNDRE Metal Shed, Flagpole, Acoustical Work & Concrete Wheel Stops	Shipperly Builders Ltd.	5,000	176CR	—	4,823	84-01-12
FAIRVIEW Veterinary Laboratory, Livestock Shelter	Grimshaw Contracting & Development Ltd.	19,449	3,660CR	1,287	17,075	84-01-17
KANANASKIS Bow Valley Dining Hall	Kapel Construction Ltd.	418,000	18,252	39,485CR	396,767	84-01-18
EDMONTON Northern Alberta Jubilee Auditorium, Miscellaneous Renovations, Sound Attenuation Improvements	Bennett & White Western Ltd.	14,566	—	—	14,566	84-01-19
CALGARY Southern Alberta Jubilee Auditorium, Miscellaneous Renovations, Sound Attenuation Improvements	Bennett & White Western Ltd.	14,566	—	938	15,504	84-01-23
EDMONTON Law Courts Addition, Phase V (g), Tenant Improvements, Level 1	Apacon Contracting (1981) Ltd.	47,501	3,543CR	—	43,957	84-01-31
WESTCASTLE Minimum Security Correctional Camp (Fire Alarm System)	Beeken Electric Ltd.	5,579	—	—	5,579	84-01-31

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
KANANASKIS Family Recreation Centre, Miscellaneous Mechanical Work	Teacon Developments Ltd.	10,214	649	—	10,863	84-02-01
VERMILION Fish & Wildlife District Warehousing, (Heat, Water & Concrete Pad)	Empress Homes Ltd.	21,400	—	—	21,400	84-02-03
EDMONTON Law Courts Addition, Phase V, Library Circulation Desk	Cabinet Maker	1,438	150CR	—	1,288	84-02-06
EDMONTON Treasury Branch, First Edmonton Place	H & S Business Enterprises Ltd.	285,841	13,046	12,190	311,078	84-02-06
HIGH PRAIRIE Youth Assessment Centre, Repairs for Slab Settlement, Contract 1	L. A. Nason Contracting Ltd.	34,675	750CR	—	33,924	84-02-07
EDMONTON Blood Transfusion Building, Renovations to Improve Security	B.G.A. Builders & Concrete Ltd.	5,986	—	—	5,986	84-02-08
PEACE RIVER Courthouse, Insulated Metal Boxes for R.W.L. & Heat Tracing Cable	Bestwood Builders Ltd.	1,630	—	—	1,630	84-02-08
RED DEER Treasury Branch Renovations	Griffin Construction Ltd.	130,000	—	—	130,000	84-02-08
EDMONTON Repair Shop Southeast, Highway Testing Laboratory Renovations	Heron Construction Ltd.	492,972	20,785CR	—	472,186	84-02-09
LACOMBE Provincial Building, Renovations to Former A.L.C.B. Space	Shunda Consulting & Construction Management	160,000	6,518CR	—	153,481	84-02-14
ST. ALBERT A.L.C.B. Site Signage	Neon Products Ltd.	12,810	—	—	12,810	84-02-15
CALGARY Sam Livingston Fish Hatchery, Installation of Ultraviolet Purification	Lear Construction Services Ltd.	1,193,963	—	—	1,193,963	84-02-17

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
EDMONTON A.L.C.B. Store (South)	Noranda Builders Ltd.	722,350	6,400	—	728,750	84-02-17
GRANDE CACHE Contract #14, Provincial Correctional Centre, Central & Industrial, Grade Beams	McLean Young Construction Ltd.	304,860	25,841	21,304	352,005	84-02-23
GRANDE CACHE Contract #21, Provincial Correctional Centre, Administration Building, Grade Beam	McLean Young Construction Ltd.	57,277	1,562	—	58,839	84-02-23
GRANDE PRAIRIE Forest Headquarters, Overhead Crane	Hydramack Crane Ltd.	17,568	—	—	17,568	84-02-24
KANANASKIS McLean Creek Campground Water Supply System, Power Generator	Midalta Electric Ltd.	1,416	—	—	1,416	84-02-24
EDMONTON Blood Transfusion Building, Renovations to A.G.S. Building	Steve's Construction	5,035	503	—	5,538	84-03-06
ELBOW FALLS Maintenance & Repair Depot (5 - Stall Garage & Related Facilities)	Elan Building & Design Ltd.	508,044	5,755	—	513,799	84-03-07
FAIRVIEW Provincial Building, Mechanical & Electrical Alterations	Reynolds Plumbing & Heating Ltd.	12,147	752	—	12,899	84-03-12
RAINBOW LAKE Maintenance & Repair, 4—Stall Garage (Overhead Doors)	Creative Door Services Ltd.	24,995	2,000	—	26,995	84-03-12
GRANDE CACHE Contract #8, Provincial Correctional Centre, Structural Steel, Programs Area	Edmonton Iron Works	683,000	19,694	—	702,694	84-03-13
GRANDE CACHE Contract #9, Provincial Correctional Centre, Metal Roof Deck, Programs Area	Westeel—Rosco Ltd.	130,097	8,843	—	138,940	84-03-13

Location and Project	Contractor	Tender Price	Extras	Scope	Total Cost*	Acceptance Date
GRANDE PRAIRIE Courthouse, Electrical Revisions	McInnis Electric (1977) Ltd.	25,597	1,460	—	27,057	84-03-14
ST. PAUL Provincial Building, Alterations & Renovations	L.J.M. Contracting Ltd.	163,778	1,918	6,967	172,664	84-03-14
EDMONTON Law Courts Addition, Phase V, Conference Room Renovations	Apacon Contracting (1981) Ltd.	1,500	—	—	1,500	84-03-15
RED DEER Courthouse, New Wicket & Counter Extension	Parkview Windows & Woodworking	1,401	—	—	1,401	84-03-15
CALGARY Renfrew Recovery Centre, Renovations	Hurst Construction Co. Ltd.	27,990	1,454	—	29,444	84-03-16
CANMORE Fish & Wildlife District Warehousing	Karastan Developments Ltd.	143,625	3,811	—	147,436	84-03-16
EDMONTON McLeod Building, General Investigations	Fidelity—Maxam, A Joint Venture	10,024	1,723CR	—	8,300	84-03-16
GRANDE CACHE Contract #3, Provincial Correctional Centre, Mechanical Site Servicing	Ras—Dam Construction Ltd.	754,892	275,000	—	1,029,892	84-03-16
WETASKIWIN Courthouse Renovations	Derryl Toews Const. Ltd.	4,525	502	—	5,027	84-03-19
CLARESHOLM Fish & Wildlife District Warehousing, Upgrading Existing Facilities	Sauvageau Construction	16,200	—	—	16,200	84-03-26
EDMONTON A.L.C.B. Store, Speciality Store & Licence Office	Graham Construction Ltd.	2,656,082	63,109	4,390	2,723,581	84-03-26
SMOKY LAKE Fish & Wildlife District, Fuel Shed	Bert Pratch Construction Ltd.	19,385	—	—	19,385	84-03-28
EDMONTON Belmont Correctional Institution, Upgrade Inmate Showers	Birchland Builders Ltd.	6,590	141	—	6,731	84-03-30
LETHBRIDGE Regional Veterinary Laboratory, Livestock Shelter	Gillett Construction (Calgary) Ltd.	19,730	—	949	20,679	84-03-30
		$173,980,422	$3,635,269	$1,094,232	$178,709,923	

Appendix 2

MATERIALS TESTING FIRMS UNDER COMMISSION by CAPITAL DEVELOPMENT CONSTRUCTION DIVISION During the 1983-84 Fiscal Year

FIRMS	PROJECTS	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Ball Welding & Metallurgical Engineering Ltd	Alberta Research Council, Edmonton, Phase 1, Contract 4	$ 4,059	$ 4,059	$ 4,059
	Office Building, Multi-departmental, 97 Street, Edmonton	1,238	1,238	3,000
BBT Geotechnical Consultants Ltd	Coal Research Centre, Phase III, High Head Laboratory, Devon	8,214	8,214	15,000
	Coal Research Centre, Phase III, High Head Laboratory, Devon	9,646	9,646	10,000
	Coal Research Centre, Phase II, Office/Laboratory Complex, Devon	9,786	21,608	22,500
	A.L.C.B. Store (South), Edmonton	5,244	5,244	8,000
	Blood Transfusion Service Building, Edmonton	41,981	41,981	45,000
	Maintenance & Repair Depot, 2-Stall Garage & Related Facilities, Grand Centre	4,351	4,971	4,971
	Blue Lake Centre, Site Development & Storage Building, Hinton	334	334	334
	Maintenance & Repair Depot, Storage Shed, Hinton	1,247	1,247	1,247
	Alberta Vocational Centre Contract, #2, New Campus & Student Housing, Academic Facilities, Lac La Biche	66,709	66,709	70,000
	Maintenance & Repair Depot, 4-Stall Garage & Related Facilities, Robb	7,012	10,292	10,292
	Fish & Wildlife District Warehousing, Valleyview	1,573	5,536	5,536
	Adolescent Care Centre, Wood's Christian Homes (Site Development), Grading, Calgary	551	551	551

FIRMS	PROJECTS	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Bow Valley Dining Hall, Kananaskis	3,294	4,294	4,294
	Maintenance & Repair Depot (5-Stall Garage & Related Facilities), Elbow Falls, Kananaskis	5,686	5,686	6,000
CIC Inspection & Consulting Services Ltd	Alberta Vocational Centre Contract #2, New Campus & Student Housing, Academic Facilities, Lac La Biche	4,501	4,501	4,501
Canada West Inspection Services Ltd	Food Processing Development Centre, Leduc	1,000	1,000	1,000
Curtis Engineering & Testing Ltd	Maintenance & Repair Depot, 4-Stall Garage & Related Facilities, Barrhead	2,794	3,613	3,613
	Alberta Petroleum Centre, Rig Pad, Edmonton	100	100	100
	Legislature Grounds, Edmonton	1,676	69,290	69,290
	Group Home Child/Adult Care, Edmonton	208	208	208
	Ukrainian Cultural Heritage Village Phase IV, Elk Island Park Vicinity	6,227	6,227	6,227
	Forest Technology School, Renovations to Food Facilities, Hinton	939	939	939
	Alberta Vocational Centre, Contract #6, Child Care Training Centre, Lac La Biche	1,056	1,056	10,000
	Provincial Tree Nursery, Header House, Seedling Storage & Lath House, Oliver	3,690	3,690	3,690
	A.L.C.B. Store, Whitecourt	10,343	10,343	10,343
	Core Research Centre, Calgary	215	2,688	2,688
	Fish & Wildlife District Warehousing, Canmore	1,182	1,182	1,182
	Maintenance & Repair Depot (4-Stall Garage & Related Facilities), Canmore	2,121	3,527	4,000
	Gooseberry Information Centre, Kananaskis	252	2,195	2,195
	Family Recreation Centre, Golf Course Starter Building, Kananaskis	1,175	1,175	1,175

FIRMS	PROJECTS	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Recreation Vehicle Park (Central Service Building & Campsite Washroom), Mount Kidd, Kananaskis	4,734	4,734	6,000
EBA Engineering Consultants Ltd	Alberta Research Council, Contract #3, Phase I, New Administration & Laboratory Buildings, High Head Laboratory, Edmonton	9,282	9,282	11,200
	Office Building, Multi-departmental, Edmonton	15,492	37,804	40,000
	Alberta Research Council, Contract #4, Phase I, New Administration & Laboratory Buildings, Edmonton	14,548	14,548	40,000
	Blood Transfusion Service Building, Edmonton	10,239	10,239	20,000
	Alberta Research Council, Contract #2, New Laboratory & Administration Buildings, Phase I, Edmonton	6,260	11,156	11,156
	Food Processing Development Centre, Leduc	2,931	26,331	28,500
	Provincial Building, Morinville	18,677	18,677	23,000
	Environment Yard, Workshop & Garage, Peace River	360	24,110	24,110
	Smoky Lake Pine Ridge Forest Nursery, Genetics & Tree Improvement Facility Addition, Smoky Lake	1,080	1,080	5,000
	Frank Slide Orientation Centre, Crowsnest Pass	16,181	16,181	25,000
	A.L.C.B. Store, Pincher Creek	3,535	3,535	7,035
Geocon Inc	Maintenance & Repair Depot, Alterations, Airdrie	1,151	1,151	1,151
Golder Associates	A.L.C.B. Store, Hunterhorn Plaza, Calgary	5,490	5,490	6,000
Hardy Associates (1978) Ltd	A.L.C.B. Store, Addition & Renovations, Camrose	5,965	5,965	5,965
	Treasury Branch, Coronation	6,790	6,997	6,997
	Alberta Research Council, Contract #4, Phase 1, New Administration & Laboratory Buildings, Edmonton	27,015	27,015	40,000
	Interpretive Centre, Fort McMurray	1,205	1,205	35,000

FIRMS	PROJECTS	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Provincial Correctional Centre, Grande Cache	129,639	129,639	200,000
	Driver Examination Office, Grande Prairie	7,441	18,363	18,363
	Correctional Institution, Vocational Workshop, Peace River	6,616	19,069	19,069
	Provincial Building, Rocky Mountain House	29,629	45,185	46,000
	Poundmaker Nechi Centre, St. Albert	235	17,069	18,500
	Core Research Centre, Calgary	3,289	8,789	8,789
	Sam Livingston Fish Hatchery, Installation of Ultraviolet Purification, Calgary	233	233	233
	Provincial Building, Bow Island	6,892	10,892	10,892
	Lethbridge Community College, Alberta Environmental Metal Storage Building, Lethbridge	48	592	592
	Correctional Institution (Greenhouse, Hot & Cold Frames, Renovations), Lethbridge	662	662	662
	Treasury Branch, Medicine Hat	1,718	1,718	1,718
	Southern Alberta Youth Development Centre, Strathmore	4,414	29,100	29,100
Hoggan Engineering & Testing Ltd.	Provincial Correctional Centre, Grande Cache	59,186		59,186
	Field Crop Research Centre, Storage/Warehouse, Lacombe	1,706	2,158	2,158
	Maintenance & Repair Depot, Metal Storage Shed, Vegreville	614	614	614
	Fish & Wildlife District Warehousing, Wetaskiwin	1,530	1,530	1,530
Paine, J.R. & Associates Ltd.	Alberta Research Council, Clover Bar, Renovations & Alterations, Edmonton	802	802	1,000
	Capilano A.L.C.B. Store, Addition, Edmonton	2,259	2,259	2,259
	Maintenance & Repair Depot, Metal Storage Shed & Site Development, Grimshaw	162	162	162
	Treasury Branch, Rycroft	5,418	5,418	8,000
Smith, J.A. & Associates Ltd.	Treasury Branch, Addition & Renovations, Black Diamond	1,530	1,530	1,530
	Treasury Branch, Nanton	1,285	3,344	3,344

FIRMS	PROJECTS	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Klohn Leonoff Consultants Ltd.	S.A.I.T., Additional Equipment for Heating & Cooling Plant, Calgary	396	396	396
	A.L.C.B. Store, Horizon Estates, Calgary	4,510	4,510	5,000
	A.L.C.B. Store, Beiseker	1,466	8,666	8,666
Shelby Engineering Ltd.	Maintenance & Repair Depot (4-Stall Garage & Related Facilities), Rainbow Lake	5,800	5,800	5,800
	A.L.C.B. Store, Spruce Grove	8,801	8,801	19,500
Underwood McLellan Ltd.	Provincial Building, Crownest Pass	1,589	7,085	7,085
	Provincial Park, Contract #8, Marina Building, Crypress Hills	358	2,268	2,268
	Elkwater East End Day Use Building (Small Boat Bicycle Rental Building), Provincial Park, Cypress Hills	1,626	1,626	5,000
	Courthouse, Drumheller	1,881	6,611	6,611
	Tyrrell Museum of Palaeontology, Drumheller	32,600	32,600	75,000
	Fish & Wildlife Warehousing (New Facility), Oyen	1,686	1,686	1,686
	Youngstown Home, Youngstown	3,238	12,015	12,015
	Total paid out during 1983-84	**$688,631****		

** This total will not tally due to deletion of cents throughout this appendix.

Appendix 3

COST CONSULTANTS UNDER COMMISSION by COST CONTROL AND ANALYSIS DIVISION

CONSULTANTS		PROJECTS
Barnett Treharne Yates Ltd.	—	Evaluation & Feasibility Study of Provincial Courts/Queen's Bench Court for Future Provincial Court Use
	—	Provincial Correctional Centre, Medicine Hat
	—	Ukrainian Cultural Heritage Village (Septic Field)
	—	Courthouse, Medicine Hat
	—	Provincial Building, Medicine Hat
	—	Pavilion for World's Fair, EXPO 86, Vancouver
Costplan Management Ltd.	—	SAIT, Aero Building Replacement, Calgary
	—	Kananaskis Country Recreation Plan, Mount Kidd Recreational Vehicle Park (Central Services)
	—	Kananaskis Country Recreation Plan, Trout Rearing Facility, Bow Springs
	—	Youth Development Centre, Strathmore
	—	Fish Creek Provincial Park, Washroom & Display Shelter, Calgary
	—	Office Building, Renovations to McDougall School, Calgary
	—	Old Courthouse, Calgary
Davson & Prichard Surveyors International Ltd.	—	Red Cross Blood & Tissue Bank, Edmonton
Hanscomb Consultants Ltd.	—	New Remand Centre, Calgary
	—	122 Street Office Building, Edmonton
	—	New Correctional Institution, Edmonton
	—	Workers' Compensation Board Building, Edmonton
	—	Alberta Research Council, Phase I, Administration & Laboratory Building, Millwoods, Edmonton
	—	Provincial Correctional Centre, Grande Cache

CONSULTANTS		PROJECTS
Helyar & Associates	—	Legislature Annex (existing Agriculture Building), Edmonton
	—	Extension of Provincial Building, Wetaskiwin
	—	Provincial Building & Courthouse, Edson
Inter-Cost Consulting Ltd.	—	Alberta Research Council, Clover Bar, Administrative Support Building, Edmonton
	—	Provincial Correctional Centre, Red Deer
E.S.W. Smith & Associates Ltd.	—	Coal Research Centre, Devon
	—	Alberta Vocational Centre, New Campus & Student Housing, Community Swimming Pool, Lac La Biche
	—	Alberta Vocational Centre, New Campus & Student Housing, Lac La Biche
D. Walsh & Associates Ltd.	—	Interpretive Centre, Fort McMurray
Woods Clifford & Associates Alberta Limited	—	Northern Alberta Fish Hatchery, Cold Lake

Appendix 4

CONSULTANTS UNDER COMMISSION by PROJECT MANAGEMENT DIVISION

CONSULTANTS		PROJECTS
A.M.E. Engineering Ltd.	—	Provincial Correctional Centre, Grande Cache
	—	Electronic Office - Various
A.V.A. Engineering Ltd.	—	Frank Slide Interpretive Centre, Crowsnest Pass
Advanced Planning and Research for Architecture	—	New Remand/Detention Centre for Young Offenders, Edmonton
	—	New Correctional Centre for Young Offenders, Calgary
	—	Research and Master Plan for Young Offenders Act Capital Program
Allen, Warren E. Associates Ltd.	—	Commissioning Program Development Project (CPDP)
Andruko, R.J. Architect Ltd.	—	Courthouse, Vegreville, Renovations to Existing Court Buildings Various
	—	Treasury Branch Renovations, Edson
Bouey, Bouey & Partners, Architects	—	New A.L.C.B. Store, Spruce Grove
Brooker, B.W. Engineering Ltd.	—	Jet/Turbo B Helicopter Fuel Tank and System Study Forestry Headquarters - Various
DelCan DeLeuw Cather Western Ltd.	—	Provincial Correctional Centre, Grande Cache
Eldred Barr Architects, Planners and Interior Designers	—	Provincial Correctional Centre, Red Deer
Englund, Holly Design	—	97th Street Office Building, Edmonton, Furniture Procurement
Fairbairn Brinsmead Ziola Architects	—	New A.L.C.B. Store, South Edmonton
Field, Field and Field, Architects and Engineers	—	A.L.C.B. Store, Grande Prairie North
Hartman Company (The)	—	West Calgary Remand Centre (Energy Study), Calgary
Holland Cummins Partnership Architects and Planners	—	Renovations, McLeod Building, Edmonton
Hutchinson, Ken Architect Ltd.	—	Provincial Correctional Centre, Medicine Hat
Johns, Barry Architect Ltd.	—	97th Street Office Building, Edmonton

CONSULTANTS		PROJECTS
Kasten Eadie Engineering Ltd.	—	ARC, Clover Bar, Operations and Maintenance Manual Research Council, Various
	—	Alberta Research Council, Various, Clover Bar, Renovations
	—	New Facilities, Phase I, ARC Millwoods, Edmonton
	—	Supply and Services Maintenance Facility Pilot Plant, Clover Bar, Edmonton
Kraemer Taipale and Associates Ltd.	—	West Calgary Remand Centre, Calgary
Laird, Tom & Associates, Architects Ltd.	—	New A.L.C.B. Store (Hunterhorn) Calgary
Lambur Scott Architects Ltd.	—	Chemical Storage & Support Services Building, O.S. Longman Lab, Edmonton
Lemermeyer Architect Ltd.	—	Travel Information Centre, Lloydminister
M.B. Engineering Ltd.	—	Provincial Correctional Centre, Grande Cache
	—	Precast Concrete Shop, Drawing Preparation, Provincial Correctional Centre, Grande Cache
Matrix International Marketing and Management Limited	—	Young Offenders Act, Youth Development Centre, Edmonton
McIntosh, Workun and Chernenko Architects Ltd.	—	Legislature Annex, Edmonton, Renovations to Existing Agriculture Building
McLeod and Associate Architects	—	Treasury Branch (50th Street), Red Deer
Pyramid Facilities Planning Ltd.	—	Youth Development Centre (Young Offenders Act), Edmonton,
		Renovations and Modifications
	—	Renovations and Additions to Youth Development Centre, Strathmore
Resources Management Consultants (Alberta Ltd.)	—	Minimum Security Correctional Centre for Young Offenders, Edmonton
Rose, J.W. Architects Ltd.	—	New A.L.C.B. Store, Claresholm
Runder, R. Architect Ltd.	—	A.L.C.B., High Prairie
Spencer, R.A. Architect Ltd.	—	New Detention Remand Centre (Young Offenders Act), Edmonton
Stephens Kozak Architects Ltd.	—	Renovations, Alberta Vocational Centre, Edmonton
Story, Robert F. Architect Ltd.	—	Emergency Renovations, Single Men's Hostel, Edmonton

CONSULTANTS		PROJECTS
Sturgess Partnership (The)	—	Alberta Pavilion, Expo '86, Theme Development and Program Planning
Tse, C.W. Architects Ltd.	—	New A.L.C.B. Store, St. Albert
	—	Renovations, Westfield Diagnostic Unit, Edmonton
Vinto Engineering Ltd.	—	Provincial Correctional Centre, Grande Cache
	—	Office Building, U of A Farm Site, Edmonton, Computer System Feasibility Study
Wiebe Forest Group Ltd.	—	Frank Slide Interpretive Centre, Crowsnest Pass
Wood & Gardener Architects Ltd.	—	Provincial Correctional Centre, Grande Cache
Woolfenden Group Architects Limited	—	Provincial Correctional Centre, Renovations, Fort Saskatchewan

Appendix 5

UPGRADING AND CONSTRUCTION OF COURT FACILITIES for ALBERTA ATTORNEY GENERAL

	Self-Contained	In Provincial Buildings
New Facilities Completed (52)	**Bassano Beaverlodge Boyle Breton * Camrose * Drumheller * Edmonton Law Courts Addition (Phase V) **Elk Point Evansburg * Fort Macleod * Fort McMurray * Fort Saskatchewan Fox Creek * Grand Centre * Grande Prairie * Hinton * Leduc * Lethbridge Okotoks * Peace River * Red Deer * St. Albert Spirit River * Stony Plain Strathmore **Sundre Taber Turner Valley Vulcan Wainwright * Wetaskiwin	Bashaw Barrhead Bonnyville Canmore Cardston Claresholm Crowsnest Didsbury Drayton Valley Hanna High Level Innisfail Lac La Biche Lloydminster Pincher Creek Rimbey Smoky Lake Tofield (Phase I) Valleyview * Vermilion Whitecourt
Existing Facilities Upgraded and Completed (26)	* Calgary (Court of Queen's Bench) Stages I, II, III * Calgary (Provincial Court) Stages I & II * Edmonton Law Courts Addition (Phase VI) Gleichen * Vegreville (Court of Queen's Bench)	Airdrie Athabasca Brooks * Calgary (Juvenile & Family Court) Cochrane * Edson Fairview Falher Forestburg Hanna (for Queen's Bench) * High Prairie High River Killam Mayerthorpe Oyen

	Self-Contained	In Provincial Buildings
		* St. Paul a. Renovation b. Expansion & Renovation Stettler Three Hills * Vegreville (Provincial Court) Westlock **Wetaskiwin (Provincial Court)
New Facilities Under Construction (4)	* Medicine Hat	Bow Island Morinville Rocky Mountain House
Existing Facilities Upgraded and Under Construction (4)	* Hinton (Addition) (Small Claims) * Vegreville (Court of Queen's Bench)	* Calgary Lac La Biche Renovations
Interim Facilities Developed (8)	**Edmonton (Provincial Court Traffic) **Lethbridge (Provincial Court)	* Calgary (Provincial Court Traffic) * High Level * Medicine Hat (Provincial Court) Redwater * Sherwood Park Slave Lake

* Base Court (full-time occupancy)
** Interim Court (trailers) on existing or future site of provincial building.

Appendix 6

CONSULTANTS UNDER COMMISSION by PROJECT MANAGEMENT BRANCH, CALGARY

CONSULTANTS		PROJECTS
Warren Allen & Associates	—	Commissioning Program Development Project (CPDP)
Gordon Atkins & Associates Architects Ltd.	—	Provincial Building, Medicine Hat
	—	Youth Development Centre, Strathmore
Beatson Finlayson Howatt Partnership	—	Bow River Correctional Centre, Calgary
Barrett & Johnson Architects Ltd.	—	Provincial Building, Bow Island
Bond & Mogridge Architects Ltd.	—	Campus Centre, SAIT, Calgary
Brisbin Gates Engineering Consultants Ltd.	—	Sam Livingston Fish Hatchery, Installation of Ultraviolet Purification
Campbell Woodall and Associates	—	Bowlen Building, Envelope Investigation, Structure, Calgary
Carson McCulloch Associates Ltd.	—	Courthouse, Lethbridge (Landscaping)
Clark James Coupland	—	ERCB Building, Renovations to Upgrade, Calgary
DeLeuw Cather Western Ltd.	—	Spy Hill, Land Use Study
Gerald Forseth Architect Ltd.	—	Old Courthouse Renovation, Calgary
Alan Gardner Architect	—	Maintenance & Repair Depot, Airdrie
Hames & Baran Architects Ltd.	—	Alberta Vocational Centre, Renovations to Parking Facilities, Calgary
Hasegawa Fowler Jetha Platon	—	Calgary Correctional Institution, Renovations to Dormitories, North Wing
Hasegawa Lloyd & Associates Ltd.	—	Calgary Correctional Institution, Addition & Upgrading to Root Cellars
Ken Hutchinson Architect Ltd.	—	Office Building, Purchase & Renovation of McDougall School, Calgary
	—	Provincial Correctional Centre, Medicine Hat
Klassen Angus Group Ltd.	—	SAIT, Additional Equipment for Heating & Cooling Plant, Calgary
Landplan Associates Ltd.	—	Research Park Development, Phase II, Office Building, Purchase & Renovations of McDougall School, Calgary

CONSULTANTS		PROJECTS
Jack Long, Architect	—	Calgary Remand Centre
Earnest S. McCutcheon	—	Regional Veterinary Lab, Airdrie
McDougall Architects	—	Environment Yard, Wash Bay & Addition to Shop, Lethbridge
Morstead Consulting Ltd.	—	Bowlen Building, Envelope Investigation, Calgary
	—	Old Courthouse Renovations, Calgary
	—	Provincial Museum & Archives, Edmonton
	—	Office Building, Renovations of McDougall School, Calgary
	—	Northern & Southern Jubilee Auditoriums, Exterior Reconstruction
M.J. O'Connor and Associates	—	Courthouse, Lethbridge
Peter and Symonds	—	Computing Centre, Treasury Branches
	—	Check Clearing Centre, Calgary
Proppe Konig Associates	—	Youngstown Home, Youngstown
Sheldon Quinn Architect Ltd.	—	Provincial Court, Hanna
RMC Resources Management Consultants Ltd.	—	Provincial Court, Calgary
	—	Court of Queen's Bench, Renovations, Calgary
Robins Watson Baunton Architects and Engineers	—	Courthouse, Lethbridge
Yvonne Romano Consultants Ltd.	—	Old Courthouse Renovations, Calgary
J.W. Rose Architects Ltd.	—	Materials Resource Centre, Radisson Centre, Calgary
J.D. Rule Architect Ltd.	—	Renfrew Recovery Centre, Renovations
Russell & Needham Architects Ltd.	—	Courthouse, Medicine Hat
Don Snow Architect Ltd.	—	Provincial Court Renovations, Calgary
Stanley Associates Engineering Ltd.	—	Research Park, Roads & Utilities, Phase I
	—	Research Park, Roads & Utilities, Phase II
Swinton Architects Ltd.	—	Renovations to Court Facilities, Provincial Building, Canmore
	—	Alberta Horticultural Research Centre, Brooks, Renovations to Existing Facilities & Storage Shed
	—	Addition to Core Research Centre

CONSULTANTS		PROJECTS
Paul Tarjan Architect Ltd.	—	Provincial Building, Pincher Creek
Rodger Woods Architects	—	Provincial Building, Crowsnest Pass
	—	**TREASURY BRANCHES**
Sheldon Quinn Architect Ltd.	—	Chinook, Calgary
	—	Black Diamond
	—	Bow Island
McDougall, R.I.A., Architect	—	Nanton

Appendix 7

CONSULTANTS AND OTHER FIRMS UNDER COMMISSION by SITE DEVELOPMENT DIVISION During the 1983-84 fiscal year

***Denotes final total commission**

CONSULTANTS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Associated Engineering Services Ltd.	Provincial Correction Centre, Grande Cache, New Facility for 245 Inmates (Off-Site Services)	$ 19,962	$ 19,962	$ 48,425
Carson McCulloch Associates Ltd.	Cypress Hills Provincial Park (Elkwater Shorefront Development)	41,202	531,498	565,373
EPEC Consulting Western Ltd.	Crowsnest Pass Corridor Development, Crownest Pass, Frank Slide Interpretive Centre (Access Road & Parking)	16,692	43,066	43,500
Stanley Associates Engineering Ltd.	A.P.M.R.I./Tyrrell Museum of Palaeontology, Midland Provincial Park, Drumheller	31,887	46,645	48,000
Terren Engineering Ltd.	Hilliard's Bay Provincial Park (Utility Servicing & Boat Launch)	Nil	178,523	180,310
Westek Services & Engineering Co. Ltd.	Mountainview Regional Water System (Consulting Services)	18,742	24,171	33,700
	Total paid out during 1983-84	**$128,487****		

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
All-West Surveys (1980) Ltd.	Fish & Wildlife District Warehouse, Clarehsolm, Upgrade Warehouse Facilities (Water)	$ 660	$ 660	$ 660*
	Minimum Security Correctional Camp, Kananaskis (Sewage Disposal Field)	752	752	752*
	Correctional Institution, Calgary, Renovations to North Wing (Fence & Gates)	4,874	4,874	4,874
	West Calgary Remand Centre, Calgary, New Facility of Spy Hill Reserve (Contract #1 - Rough Grading)	19,949	19,949	19,949
	S.A.I.T., Calgary, Aero Building Relocation	Nil	1,119	1,119*

** Section totals do not tally due to deletion of cents throughout this appendix.

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Office Buildings, Calgary, McDougall School	1,004	1,004	3,000
	A.P.M.R.I./Tyrrell Museum of Palaeontology, Drumheller (Site Survey Control)	739	11,266	12,500
	A.P.M.R.I./Tyrrell Museum of Palaeontology, Drumheller (Sewer Line)	771	771	1,500
	Head-Smashed-In Buffalo Jump, Fort Macleod, Visitors' Information & Interpretive Centre	6,989	6,968	6,968*
	Fish & Wildlife District Warehouse, Blairmore (Sentinel), Warehouse Facilities	2,857	2,857	2,857*
	Medical Examiner Facility, Calgary (Landscape Development & Irrigation)	1,038	1,038	1,038*
Anderson, R.V. Associates Ltd.	Lambton Park, Edmonton, Site Development, (Gravelling - Fish & Wildlife Yard)	1,272	1,272	1,272*
	Research Council, Phase I, Edmonton, New Facilities (Millwoods) (Site Preparation)	2,171	104,824	104,824*
	Belmont Correctional Centre, Edmonton, Landscaping (Paving & Asphalt Parking Lot)	Nil	14,779	14,779
	Provincial Building, Edson, Multi-occupancy Provincial Building & Courthouse (Site Grading)	20,779	20,779	20,779*
	Provincial Building, Wainwright (Site Development)	Nil	5,698	5,698*
	Medicine Lodge Minimum Security Camp, Edson, Upgrading of Camp (Relocation of Camp)	2,500	2,500	2,500*
	Water Treatment Plant & Sewage Lagoon, Footner Lake, Addition & Expansion	309	25,747	25,747*
	Supply & Services Supply Centre, Edmonton (Site Development)	1,524	1,524	1,524*
	Reynolds Museum, Wetaskiwin (Loading Dock at Ren Dex Property)	2,470	2,470	2,470*
	Fish & Wildlife District Warehousing, Edson, Upgrade Existing Warehouse Facilities	Nil	4,114	4,114*
	Blue Lake Centre, Hinton, Site Development & Storage Buildings (Paving, L&scaping & Related Work)	Nil	367	367*
	Maintenance & Repair Depot, Hinton, Salt & Storage Sheds, Mobile Office & Site Development	Nil	8,619	8,619*

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Maintenance Yard, Edson, Site Development & Installation of Larger Fuel Tanks	Nil	4,714	4,714*
Brown, Okamura & Associates Ltd.	Crowsnest Pass Corridor Development (Frank Slide Interpretive Centre)	7,552	14,347	15,000
	Travers Reservoir (Right-of-Way-Survey)	1,598	1,598	2,200
Butler Krebes Associates Ltd.	Provincial Correctional Centre, Grande Cache, New Facility for 245 Inmates	22,160	22,160	22,160*
	Youth Assessment Centre, High Prairie	3,129	3,129	4,000
	Ukrainian Cultural Heritage Village (Site Development)	50,849	103,665	105,000
	Juvenile Receiving/Detention Centre, Edmonton (Site Development & Landscaping)	2,530	2,530	2,530*
	Poundmaker Lodge & Nechi Training School, St. Albert, New Facility	613	16,992	16,992*
	Forest Headquarters, Edson, Relocate Headquarters to Site Adjacent Airport	Nil	15,872	15,872*
	Provincial Building, Morinville	Nil	1,087	1,087*
	Renovations & Improvements, Various (University of Alberta Hospital, Edmonton) (Sidewalk Construction)	Nil	1,621	1,621*
	Provincial Building, St. Albert	Nil	10,820	10,820*
	Maintenance & Repair Depot, St. Paul, 10-Stall Garage & Related Facilities (Legal & Comprehensive Survey)	Nil	1,713	1,713
	Provincial Tree Nursery, Oliver, Storage Building (Water Supply/Fire Protection)	Nil	380	380*
	Fish & Wildlife Warehouse, Edmonton, Relocation of Facility (Site Survey Work)	Nil	2,294	2,294*
Cameron Christianson	Dinosaur Provincial Park (Subdivision Survey), Drumheller	4,996	4,996	5,775
Canadian Engineering Surveys Co. Ltd.	Interpretive Centre, Fort McMurray	Nil	10,710	13,000
	Provincial Building, Fort McMurray, Additional Parking	137	6,924	6,924*
	Correctional Services, Fort McMurray, Site Development (Relocations)	Nil	7,351	7,351*
CEP Consultants Ltd.	Restricted Development Area (Baker Centre Site), Calgary	1,500	1,500	1,540

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Coulthard & Associates Engineering Ltd.	Veterinary Lab, Fairview, Site Development (Independent Servicing of Laboratory)	Nil	368	368*
	Government-Owned Lots, Grande Prairie	2,211	4,702	4,702*
	Government Buildings, Various (Forest Headquarters) Grande Prairie	13,340	13,340	15,000
Drake K.B. & Associates Surveys Ltd.	Alberta Vocational Centre, Lac La Biche (New Campus & Student Housing) (Parking Lot)	1,162	4,846	4,846*
	Travel Information Centre, Grand Centre Cold Lake (Beaver Crossing)	4,374	4,374	4,374*
	Whitney Lake Provincial Park, Phase I (Ross Lake Water System)	Nil	7,666	7,666*
	Multi-purpose Recreation Building, Bonnyville (Fire Protection Water Supply)	1,436	6,014	8,000
	Fish Hatchery, Cold Lake	21,047	42,255	65,000
Halma & Associates Ltd.	Head-Smashed-In Buffalo Jump, Fort Macleod (Subdivision Survey)	3,762	2,762	4,000
	Rush Lakes Floor Management (Right-of-Way-Survey), Tyrrell	8,581	8,581	8,700
Hamilton & Olsen Surveys Ltd.	Holden Drainage Projects, Holden (Right-of-Way-Survey)	4,975	4,975	4,975*
	Pine Ridge Forest Nursery, Smoky Lake	570	570	10,000
	Chemical Storage & Support Services Building, Edmonton	2,675	2,675	4,000
	Provincial Building, Athabasca	3,506	3,506	7,000
	Government Complex, University Farm Area, Edmonton (Utility Services, Building Relocation & Roadways)	6,905	21,408	25,000
	Holy Redeemer College, Edmonton, Staff Training College Renovations (Water Supply & Sewerage) (Study of Existing Systems)	10,442	14,241	14,241
	Multi-purpose Recreation Building, Bonnyville (Sewage Disposal Field)	Nil	3,525	3,525
	Repair Shop (Southeast), Edmonton, Site Development of Yard (Paving)	Nil	633	633*
	Pine Ridge Forest Nursery, Smoky Lake	15,342	26,677	26,677
	Maintenance & Repair Depot, Rainbow Lake (Garage & Related Facilities)	1,076	4,005	4,005
	Environment Yard, Peace River, Workshop & Office (Multi-departmental Site)	Nil	1,046	1,046

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
L & L Technical Services Ltd.	Coal Research Centre, Devon	9,219	9,219	10,000
	Ukrainian Cultural Heritage Village, Elk Island Park Vicinity (Surveying)	29,430	29,430	30,000
McWilliam Surveys Ltd.	Regional Veterinary Laboratory, Lethbridge, Albertas & Livestock Shelter	1,305	1,305	1,305
	Provincial Correctional Centre, Medicine Hat	2,632	2,632	2,632
	Cypress Hills Provincial Park (Water Supply System)	79,172	163,562	164,700
Midwest Surveys & Services Ltd.	A.P.M.R.I./Tyrrell Museum of Paleontology, Drumheller, Midland Provincial Park, Field Station	12,471	12,471	12,500
North West Survey Corp. International Ltd.	Provincial Correctional Centre, Grande Cache, New Facility for 245 Inmates	6,297	6,297	6,297
Snell & Oslund Surveys (1979) Ltd.	A.L.C.B. Store, Trochu	1,251	1,251	1,500
	Provincial Correctional Centre, Red Deer, New Facility (Legal & Site Information)	3,310	3,310	3,500
	Forestry Headquarters, Rocky Mountain House, Surface Drainage	916	916	4,000
	West Side Dykes, Sundre, Flood Control (Right-of-Way Survey)	6,103	6,103	6,500
Watt, D.A. Consulting Group Ltd.	Youngstown Home, Youngstown, New 80-Bed Residential & Rehabilitation Centre (Off-site Services)	28,772	28,772	36,800
	Forestry Headquarters, Rocky Mountain House, Conversion to Municipal Sewage System	6,296	6,296	6,296
	Mountainview Regional Water System (Anthony Henday Water Treatment Plant) (Pit Excavation, Gate & Approach	1,974	1,974	1,974
	Total paid out during 1983-84	**$456,205****		

MATERIALS TESTING FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
BBT Geotechnical Consultants Ltd.	Fish & Wildlife District Warehousing, Edson, Upgrade Existing Warehouse Facilities (Site Development)	$ 1,338	$ 1,338	$ 1,338
	Bowness Site, Calgary, Site Development (Sanitary Sewer Relining)	Nil	790	790

MATERIALS TESTING FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Maintenance Yard, Edson	580	580	580
	Repair Shop (Southeast), Edmonton, Site Development of Yard (Paving)	529	13,843	13,843*
	Fish Hatchery, Cold Lake, (Contract #1) (Earthwork, Pumphouse & Pipelines)	15,004	15,004	45,000
Curtis Engineering & Testing Ltd.	Provincial Tree Nursery, Oliver (Fencing, Sitework & Storage Sheds)	944	944	2,000
	Government Complex, University Farm Area, Edmonton	99	6,629	8,000
	Ukrainian Cultural Heritage Village (Railway Line & Gravel Road)	12,009	12,869	14,000
	Youngstown Home, Youngstown, New 80-Bed Residential Rehabilitation Centre (Sewage Lagoon)	6,003	6,003	6,003*
	JuveNile Receiving/Detention Centre Edmonton (Site Development & Landscaping)	2,639	2,639	2,639*
	School for the Deaf, Edmonton, Renovations (Paving, Fencing & Landscaping)	Nil	484	484*
	Pine Ridge Forest Nursery, Smoky Lake (Extension to Growing Facilities)	Nil	17,827	17,827
	Poundmaker Lodge & Nechi Training School, St. Albert (New Facility, Off-site Services) (Forced Sewer Main)	278	278	278*
	Alberta Research Council, Phase I, Edmonton, New Facilities (Millwoods) (Administration & Laboratory Buildings) (Contract #1, Site Preparation)	375	10,762	10,762*
EBA Engineering Consultants Ltd.	West Calgary Remand Centre, Calgary, New Facility on Spy Hill Reserve (Contract #1, Rough Grading)	1,746	1,746	1,746*
	Correctional Institution, Calgary, Renovations to North Wing (Fence & Gates)	2,172	2,172	2,172*
	Research Park Development, Calgary (Phase II)	2,637	27,437	27,437*
	Supply & Services Supply Centre, Edmonton (Site Development)	2,433	2,433	2,433*
	Bowness Site, Calgary, Site Development (Sanitary Sewer Relining, Emergency Repair)	Nil	570	570*
	Correctional Institution, Calgary (Upgrade Parking Area)	560	560	560*
	Wildlife Centre, Brooks	1,464	1,464	6,000

MATERIALS TESTING FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Southern Alberta Jubilee Auditorium, Calgary (Parking Lot)	Nil	Nil	1,500
Geoscience Consulting Ltd.	Whitney Lake Provincial Park	259	26,603	26,603
	Fish & Wildlife District Warehouse, Smoky Lake	Nil	8,850	8,850
	Travel Information Centre, Lloydminster, Water Well Development	9,522	9,522	15,000
Hardy Associates (1978) Ltd.	Holy Redeemer College, Edmonton, Staff Training College Renovations (Water & Sewer Services)	1,320	1,320	1,320*
	Multi-purpose Recreation Building, Bonnyville (Fire Protection Water Supply)	450	2,553	2,553*
	Provincial Building, Fort McMurray (Additional Parking)	Nil	661	661
	Sam Livingston Fish Hatchery, Calgary, Protection of Water Well Supply	207	252	252
	Sam Livingston Fish Hatchery, Calgary, Inglewood Water Wells	314	314	314*
	Repair Shop (Southeast), Edmonton Site Development of Yard (Paving)	Nil	2,310	2,310*
	Provincial Building, Wainwright, Site Development	Nil	2,357	2,357*
	Alberta Correspondence School, Barrhead (Scope Revisions, Exterior Work)	2,035	2,035	2,035*
	Water Treatment Plant & Sewage Lagoon, Footner Lake, Addition & Expansion	97	5,042	5,042
	Raymond Home, Raymond, Office Trailer (Parking Lot)	372	372	372*
	Westcastle Correctional Camp, Pincher Creek (Site Upgrading & Utilities)	712	712	712
	Youngstown Home, Youngstown, New 80-Bed Residential & Rehabilitation Centre (Off-site Services)	2,666	2,666	2,667*
	Belmont Correctional Centre, Edmonton, Landscaping (Parking Lots)	Nil	7,111	7,111*
	Provincial Building, Athabasca, Additional Parking	3,904	3,904	6,000
	Provincial Correctional Centre, Grande Cache, New Facility (Off-site Services, Water Main)	2,448	2,448	5,000
Paine, J.R. & Associates Ltd.	Maintenance & Repair Depot, Hinton (Sanitary Sewer)	Nil	504	504*

MATERIALS TESTING FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
	Blue Lake Centre, Hinton, Site Development & Storage Building (Paving)	Nil	668	668
	Government Buildings, Various, Forestry Headquarters (Grande Prairie) (Storm Sewer Extension)	88	88	1,000
	Medicine Lodge Minimum Security Camp, Edson, Upgrading of Camp (Camp Relocation)	7,562	7,562	10,000
	Pine Ridge Forest Nursery, Smoky Lake (Repairs to Water Reservoir)	Nil	Nil	10,000
	Pine Ridge Forest Nursery, Smoky Lake (Paving)	11,551	11,551	20,000
Shelby Engineering Ltd.	Coal Research Centre, Devon, Phase IV, Site Services	3,231	3,231	20,000
Underwood McLellan Ltd.	A.P.M.R.I./Tyrrell Museum of Palaeontology, Midland Provincial Park, Drumheller	184	184	6,000
	A.P.M.R.I./Tyrrell Museum of Palaeontology, Midland Provincial Park, Drumheller (Extension of Sewer Services)	Nil	3,864	3,864*
	Total paid out during 1983-84	**$ 97,745****		

HYDROGEOLOGICAL FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Hydrogeological Consultants Ltd.	Head-Smashed-In Buffalo Jump, Fort Macleod, Visitor Information & Interpretive Centre (Water Well Drilling)	$ 31,518	$ 31,518	$ 32,000
	Maintenance & Repair Depot, Robb (Garage & Related Facilities)	Nil	30,982	31,000
	Maintenance & Repair Depot, Bonnyville (Garage & Related Facilities)	Nil	11,110	14,200
	Maintenance & Repair Depot, Elbow Falls (Water Well)	Nil	14,170	20,000
	Crowsnest Pass Corridor Development Frank Slide Interpretive Centre	Nil	24,494	24,494
	Cypress Hills Provincial Park (Water Supply System)	12,692	12,692	12,692*
Kamac Consultants Ltd.	Transportation Depot, Wetaskiwin, Garage & Related Facilities	12,039	12,039	16,000
	Total paid out during 1983-84	**$ 56,250****		

VIDEO PIPE INSPECTION FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
S. Inspection Services Ltd.	Alberta Environmental Centre, Vegreville, Laboratory Facilities, Generator & Pilot Plant Area (Chemical Waste Sewer Line)	$ 7,329	$ 7,329	$ 7,329*
Mar-Tech Municipal Pipe Service Ltd.	Forestry Headquarters, Rocky Mountain House, Conversion of Municipal Sewage System	1,608	1,608	4,000
	Alberta Research Council, Phase I, Edmonton, New Facilities (Millwoods) (Camera Inspection)	4,915	9,067	11,000
	Repair Shop (Southeast), Edmonton, Site Development of Yard (Paving)	1,154	2,913	2,913*
	Youngstown Home, Youngstown, New 80-Bed Residential & Rehabilitation Centre (Off-site Services)	579	579	579*
	Lambton Park, Edmonton, Site Development (Gravelling, Fish & Wildlife Yard)	1,004	1,004	1,004*
	Legislature Grounds, Edmonton North/South Pedway	10,916	10,916	10,916
Thuro Services (Western) Ltd.	Bowness Site, Calgary (Sanitary Sewer Relining)	923	923	1,300
	Cypress Hills Provincial Park (Water & Sewer System)	2,431	2,431	4,000
	Total paid out during 1983-84	**$ 30,863****		

Appendix 8

CONSULTANTS and OTHER FIRMS UNDER COMMISSION by KANANASKIS COUNTRY RECREATION PLAN and FISH CREEK PROVINCIAL PARK During the 1983-84 fiscal year

*Denotes final total commission

CONSULTANTS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Abugov & Sunderland	Kananaskis Country Recreation Plan, Gooseberry Information Centre	$ 5,021	$ 39,706	$ 40,557
Acres Consulting Services Limited	Kananaskis Country Recreation Plan, Fortress Junction Service Centre, Site Development	9,081	68,520	69,000
S.L. Bellingham & Associates Ltd.	Kananaskis Country Recreation Plan, Mount Kidd Visitor Centre	560	560	560
Carson McCulloch Associates Ltd.	Kananaskis Country Recreation Plan, Family Recreation Centre (Landscaping)	13,929	46,918	47,500
Cook, J.H. Associates & Engineers	Kananaskis Country Recreation Plan, Ribbon Creek Apline Village Day Lodge	Nil	20,655	182,750
Don M. Snow Architect Ltd.	Kananaskis Country Recreation Plan, Bow Valley Dining Hall & Staff Housing (Dining Hall)	10,713	48,365	60,000
Donnelly Whiting Architects	Kananaskis Country Recreation Plan, Bow Valley Administration/Visitor Building	433	25,955	25,995*
	Kananaskis Country Recreation Plan, Bow Valley Dining Hall & Staff Housing (Seasonal Staff Housing	3,155	14,371	22,338
	Kananaskis Country Recreation Plan, Kananaskis Provincial Park, Administration Maintenance Compound (Staff Residences & Dining Hall Core)	810	80,679	80,679*
	Kananaskis Country Recreation Plan, Barrier Lake Travel Information Centre	Nil	35,210	35,210*

** Section totals do not tally due to deletion of cents throughout this appendix.

CONSULTANTS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
Goodfellow, R.J. Architects Ltd.	Kananaskis Country Recreation Plan, Mount Kidd Recreational Vehicle Park	9,243	9,243	13,000
	Kananaskis Country Recreation Plan, Family Recreation Centre Housing & Storage Building	12,407	12,407	16,000
Heritage Engineering Ltd.	Kananaskis Country Recreation Plan, Entrance Signs & Gates	3,357	30,430	30,430
Hugh McMillan Architects Ltd.	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Central Service Building & Campsite Washrooms)	12,985	79,278	111,220
Landplan Associates (1980) Ltd.	Kananaskis Country Recreation Plan, Site Development for Ribbon Creek Alpine Village	Nil	5,100	497,208
Lombard North Group Ltd.	Fish Creek Provincial Park	65,828	65,828	66,524
Marshall Macklin Monaghan Western Limited	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park	8,071	249,919	400,000
McKenna, W.J. & Associates Ltd.	Kananaskis Country Recreation Plan, Bicycle Trails (Clearing, Grubbing & Sub-base)	24	18,370	20,000
Reid, Crowther & Partners Limited	Kananaskis Country Plan, Regional Utilities (Bow Valley South Campground, Scouts Jamboree) (Water Supply System)	17,448	73,945	73,945
	Kananaskis Country Recreation Plan, Regional Utilities (Sludge Disposal)	Nil	91,317	138,200
	Kananaskis Country Recreation Plan, Regional Utilities (Utilities for Recreation Centre, Evan-Thomas Alpine Valley & RV Campground)	28,611	497,480	504,330
	Kananaskis Country Recreation Plan, Regional Utilities (Utilities for McLean Creek Campground)	Nil	49,759	59,800
Trueman, K.	Kananaskis Country Recreation Plan, Family Recreation Centre	41,840	238,905	238,905
	Total paid out during 1983-84	**$243,516****		

SURVEY FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
McWilliam Surveys Ltd.	Fish Creek Provincial Park	Nil	12,580	13,200
	Kananaskis Country Recreation Plan, Fortress Junction Service Centre, Site Development	4,117	27,699	27,699
	Kananaskis Country Recreation Plan Ribbon Creek Alpine Village Day Lodge	Nil	5,220	18,000
All-West Surveys (1980) Ltd.	Kananaskis Country Recreation Plan, Mount Kidd Recreational Vehicle Park	706	706	2,000
	Total paid out during 1983-84	**$ 4,823****		

MATERIALS TESTING FIRMS	PROJECT	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
EBA Engineering Consultants Ltd.	Fish Creek Provincial Park	Nil	2,433	2,433
	Kananaskis Country Recreation Plan, Fortress Junction Service Centre, Site Development	250	2,256	2,256
Hardy Associates (1978) Ltd.	Kananaskis Country Recreation Plan, Fortress Junction Service Centre (Site Work)	5,368	5,368	5,368
Klohn Leonoff Consultants Ltd.	Fish Creek Provincial Park	3,985	3,985	4,300
	Kananaskis Country Recreation Plan, Bow Valley Dining Hall	Nil	1,782	1,782
	Kananaskis Country Recreation Plan, Mount Kidd Recreational Vehicle Park	4,963	8,660	9,500
	Total paid out during 1983-84	**$ 14,567****		

Appendix 9

CONSULTANTS UNDER COMMISSION by TECHNICAL SERVICES DIVISION During the 1983 - 84 Fiscal Year

***Denotes final total commission**

CONSULTANT	Project	Funds Expended during 1983-84	Expended on Commission to March 31, 1984	Estimated Total Commission
BBT Geotechnical Consultants Ltd.	Youngstown Home Youngstown	11,556	11,556	11,556*
	Crowsnest Pass Corridor Development, Crowsnest Pass	8,876	15,109	15,109*
	Fish Hatchery, Cold Lake	8,827	29,074	57,000
	Travel Information Centre Grand Centre/Cold Lake	2,308	2,308	2,308*
	Maintenance & Repair Depot Elbow Falls	3,028	3,028	3,028*
	A.L.C.B. Store, Crossfield	3,315	3,315	3,315*
Hardy Associates (1978) Ltd.	Forestry Headquarters Rocky Mountain House	2,200	2,200	2,200*
	Head-Smashed-In Buffalo Jump Fort Macleod	15,436	15,436	18,000
	Cypress Hills Provincial Park Elkwater	22,627	32,325	38,000
	Interpretive Centre Fort McMurray	14,000	14,000	14,000*
	Correctional Centre Fort McMurray	3,926	3,926	3,926*
	Provincial Correctional Centre Red Deer	4,204	4,204	5,000
	Maintenance & Repair Rainbow Lake	4,658	4,658	4,658*
Hoggan Engineering & Testing Ltd.	Provincial Correctional Centre Grande Cache	68,926	68,926	68,926*
Klohn, Leonoff Consultants Ltd.	Courthouse, Drumheller	4,356	4,356	4,356*
Thurber Consultants Ltd.	Chemical Storage & Support Services Building, Edmonton	2,237	2,237	6,000
	Youth Assessment Centre High Prairie	14,863	14,863	14,863*
	Provincial Building, Westaskiwin	1,007	1,007	1,007*

FINANCE AND ADMINISTRATION

Finance Division

Personnel Branch

Management Services Branch

Metric Conversion Branch

FINANCE AND ADMINISTRATION

During the year under review, the finance and administration division (Public Works) and the administrative services division (Government Services) were combined to form Finance and Administration, which provides central support services department-wide.

FINANCE DIVISION

The Finance Division provides central financial services such as accounting, budgeting and financial reporting for the department. These services are provided by the following organizational units:

FINANCIAL SERVICES BRANCH

This branch is responsible for providing a full range of accounting and tender administration services for program-funded activities of the department. During 1983-84, 165,000 invoices were processed.

Services provided by this branch include contract administration for capital construction and accommodation projects, including tendering, contract documentation, and monitoring of capital expenditures. The branch also provides printing and reproduction services for the Public Works part of the department.

During the 1983-84 fiscal year, 222 contracts were awarded with a total value of $146.9 million. These included contracts for the Alberta Liquor Control Board and Treasury Branches, and for several Alberta Heritage Savings Trust Fund projects. Appendix 10 starting on page 64 lists tenders called and contracts awarded during the reporting period.

REVOLVING FUND ACCOUNTING BRANCH

This branch provides a full range of accounting services, including billing, accounts receivable and payable, statement preparation and budget analysis for all activities of the department funded through the Revolving Fund. During 1983-84, 60,000 invoices were processed.

An automated general ledger system was implemented during the year, and a new billing system is in the final testing phase. These systems will provide improved management information and will contribute to more effective use of manpower resources.

FINANCIAL PLANNING BRANCH

This branch is responsible for the financial planning processes in the department, and for the co-ordination, analysis and recommendation of the departmental operating and capital budgets.

During 1983-84, a significant improvement in reporting on construction expenditures took place through the development and implementation of the Capital Projects Reporting System.

PERSONNEL BRANCH

The main thrust of activity in the Personnel Branch during the reporting period related to the restructuring called for by the amalgamation of the responsibilities of Public Works with those of the Department of Government Services to form the new Department of Public Works, Supply and Services.

Redeployment of existing employees to more essential positions, with associated training, was the major activity of the branch, and assisted the department to reduce the number of permanent employees with minimal disruption to individuals.

Emphasis continued on Occupational Health and Safety through work site visits, Accident Prevention Workshops and Defensive Driving Programs

During 1983-84, 982 departmental employees attended courses offered by Personnel Administration Office and 786 attended courses offered by the Personnel Branch. All branch courses were redesigned in modular form, resulting in increased training effectiveness and substantial cost savings.

Comparative statistics on permanent positions in the department are shown in table below.

PERSONNEL STATISTICS: PERMANENT POSITIONS

		Total at March 31	
		1984	1983
Minister's Office		5	3
Deputy Minister's Office		5	5
Finance and Administration			
A.D.M.'s Office	2		
Metric Conversion	2		
Internal Audit	3		
Finance	116		
Management Services	42		
Personnel	43	208	211
Information Services			
A.D.M.'s Office	2		
Planning and Policy	15		
Telecommunications	24		
Computer Systems	217		
Computer Processing	539	797	796
Properties			
A.D.M.'s Office	4		
Property Planning	62		
Realty	42		
Building Sciences	42		
Property Management	1,712	1,862	1,871
Capital Development			
A.D.M.'s Office	4		
Construction	63		
Cost Control	13		
Technical Services	38		
Project Management	59		
Site Development	38		
Development Services	2	217	236
Supply			
A.D.M.'s Office	2		
Operational Support	14		
Operations	216		
Procurement	163		
Air Transportation	28	423	419
		3,517	3,541

MANAGEMENT SERVICES BRANCH

The Management Services Branch provides systems, records, library, publications and general services functions. During the reporting period, several support services and resource-sharing initiatives aimed at realizing increased economies and efficiencies were undertaken. Included were the establishment of common-use training centres and administrative service centres, as well as the introduction of an automated mail handling system for the Public Works, Supply and Services Building. Highlights of the branch's work during the year, by type of activity, follow:

Systems

The first departmental EDP Plan and Reporting System for the new Department of Public Works, Supply and Services was developed. The plan included 83 systems items, budgeted at five million dollars. This budget included two million dollars for development of new systems, reflecting continued emphasis on increasing effectiveness and efficiency with which information is provided through application of computer-based solutions.

The systems section continued to manage the departmental office systems network, comprised of shared word processing facilities with 50 terminals and over 100 users.

Records and Library Services

Various library facilities were consolidated into a Departmental Library located in the Public Works, Supply and Services Building. Projects are under way to automate library reference and cataloguing functions. Indepth reference searches continued to be done by the library for the department, as well as for other government departments.

Seventeen records systems evaluations were completed; these included recommendations and action plans for improvement. Efforts continued in the area of records disposition to maximize space, equipment and staff efficiency associated with records handling.

Publications

A publications centre was established, listing more than 460 publications. Four publications are now available on computer for remote reference and printing by users. An Administrative Policies and Procedures Manual for the department was initiated, the publications section co-ordinating development and maintenance. During the year, 15,200 items were mailed out.

General Services

Two major accommodation projects were undertaken during the year. These involved relocation of more than 500 departmental staff to the Supply Centre and to the new Public Works, Supply and Services Building.

Photocopier management studies were completed as part of the relocation. These resulted in annual equipment rental savings of $13,000, while increasing efficiency due to improved access and features.

METRIC CONVERSION BRANCH

The Metric Conversion Branch was established in 1975 to co-ordinate metric conversion throughout the government, in harmony with industry, the federal government and other provinces. During the 1983-84 fiscal year, the branch continued to monitor and facilitate guidelines and completion dates for metric conversion established by Metric Commission Canada.

The branch essentially completed the designated tasks with respect to the Government of Alberta, and was dissolved March 31, 1984.

Appendix 10

TENDERS CALLED AND CONTRACTS AWARDED

The following bids were opened in public and contracts awarded during the fiscal year ending March 31, 1984.

A = Awarded IB = Invalid Bid BW = Bid Withdrawn R = Rejected

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
TRAVEL INFORMATION CENTRE, SENTINEL, STAFF ACCOMMODATION TRAILER		
APRIL 13, 1983		
Golden Crest Construction Ltd.		64,804
Corab Service Ltd.		61,097
Atco Structures, A Division of Atco Industries (N.A.) Ltd.	A	43,500
TRAVEL INFORMATION CENTRE, OYEN, STAFF ACCOMMODATION TRAILER		
APRIL 13, 1983		
Golden Crest Construction Ltd.		63,258
Corab Services Ltd.		61,534
Atco Structures, A Division of Atco Industries (N.A.) Ltd.	A	43,703
MAINTENANCE & REPAIR DEPOT, AIRDRIE, ALTERATIONS		
APRIL 13, 1983		
Hurst Construction Co. Ltd.		134,900
Boulder Construction Ltd.		125,012
Muntz Construction Ltd.		125,000
Alpha Construction Ltd.		116,208
Canyon Richfield Industries Limited		115,762
Thor Construction Ltd.		114,900
Thomson & Sons Division of 240874 Alberta Ltd.		113,668
Elan Building & Design Ltd.		112,844
Lear Construction Services Ltd.		111,664
Watson Wesbow Construction Ltd.		111,000
Mirtren Contractors Limited		110,975
Penn-Co Construction (Division of A.K. Penner & Sons Ltd.)		110,294
Pro-Forma Construction Ltd.		109,999
Hornstorm Bros. Construction Ltd.		109,820
Gate Construction Ltd.		107,552
McTavish, McKay & Company Limited		106,563
Bennett & White Western Ltd.		102,892
Gillett Construction (Calgary) Ltd.	A	101,825
TREASURY, FIRST EDMONTON PLACE, SECURITY PACKAGE		
APRIL 14, 1983		
Edmonton Lock & Safe		65,275
John Tann (Canada) Limited		57,923
Chubb Security Safes, A Division of Chubb Industries Limited		57,599
Diebold Company of Canada Ltd.	A	56,046
PROVINCIAL TREE NURSERY - OLIVER (HEADER HOUSE, SEEDLING STORAGE LATH HOUSE)		
APRIL 14, 1983		
Wolski Building Contractors Ltd.		773,000
Bennett & White Western Ltd.		742,509
Rimar Construction Ltd.		728,102
L.C. Greenough Construction Ltd.		726,249
Pentagon Industries Ltd.		725,500
L.J.M. Contracting Ltd.		719,000
Summit Construction Ltd.		698,720
Rendek Construction Ltd.		691,420
Atcon Developments Ltd.		688,055
Kemp & Jeske Contractors Ltd.		668,500
Carlson Management Services Ltd.		649,649
S.F.H. General Contracting Ltd.		644,900
Pro-Man Construction		644,800
Binder Construction Ltd.		638,681
Crystal Contractors Ltd.		632,194
A.J.H. Construction Management Ltd.		629,900
Ericstad Construction Ltd.		624,444
B & B Developments Ltd.		611,952
Vanderspoel Construction Ltd.		603,841
Keller Construction Ltd.	A	596,425
AGS CENTRAL SUPPLY WAREHOUSE CONVEYOR SYSTEM		
APRIL 21, 1983		
Matthews Conveyor Company		337,983
Northern Eau Claire Construction Materials Ltd.		314,500
Rapistan Systems Limited		293,916
Whiting Equipment Limited		223,299
Univeyor B.C. Ltd.	A	215,172
DRIVER EXAMINATION OFFICE, GRANDE PRAIRIE (LANDSCAPING)		
APRIL 21, 1983		
Willow Valley Landscape Centre Ltd.		85,180
Westgrow Landscaping Ltd.		84,037
Superior Landscaping (Hines Creek) Ltd.		82,138
Indigo Construction Ltd.		69,200
Dan's Construction (1977) Ltd.		68,823
Wilco Landscape Contractors Ltd.		67,760
Cedar Crest Lands Limited		66,215
Heritage Landscape Construction Ltd.		65,537
O'Brien Contracting Canada Ltd.		63,678
Land Tec Landscape Contractors Ltd.	A	61,082
DRIVER EXAMINATION OFFICE, FORT McMURRAY (LANDSCAPING)		
APRIL 21, 1983		
Fort McMurray Excavating Ltd.		111,768

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Wilco Landscape Contractors Ltd.		83,400
Clareview Landscaping Ltd.		70,102
O'Brien Contracting Canada Ltd.		67,233
Indigo Construction Ltd.		62,750
Land Tec Landscape Contractors Ltd.		61,949
Cedar Crest Lands Ltd.	A	57,926
PROVINCIAL BUILDING, RIMBEY (LANDSCAPE DEVELOPMENT)		
APRIL 21, 1983		
Noble Landscapes & Tree Farms Ltd.		51,955
Gordie's Landscaping		51,039
O'Brien Contracting Canada Ltd.		48,828
Stelle Nurseries and Landscaping Ltd.		48,523
Wilco Landscape Contractors Ltd.		47,673
Appollo Landscaping Services A Division of HOM Farms Ltd.		47,365
Getaway Landscaping Ltd.	A	44,896
AGS CENTRAL WAREHOUSE, EDMONTON, RACING/ SHELVING SYSTEM		
APRIL 21, 1983		
Argo Engineering Ltd.		533,542
Northern Eau Claire Construction Materials Ltd.		398,50
Pacific Warehouse Equipment Ltd.	A	389,803
BELMONT CORRECTIONAL CENTRE, EDMONTON, LANDSCAPING		
APRIL 22, 1983		
Sherylbrook Landscape Contractors Ltd.		40,005
Tee Bar Landscaping		34,450
Wilco Landscape Contractors Ltd.		33,800
Greengro Garden Centre Ltd.		33,395
Steve's Landscape Service		32,529
Kiwi Landscaping (1983) Ltd.		31,273
Cascade Landscaping Ltd.		30,214
Longjohn's Landscaping Ltd.	A	23,656
MEDICAL EXAMINER FACILITY, CALGARY (LANDSCAPE DEVELOPMENT & IRRIGATION)		
APRIL 27, 1983		
Gate Construction Ltd.	BW	64,949
Master Craft Homes Ltd.		122,919
O'Brien Contracting Cananda Limited		105,029
Appollo Landscaping Services, A Division of HOM Farms Ltd.		95,755
Aldershot Landscape Contractors (Alberta) Ltd.		95,464
Foothills Landscaping Ltd.		95,406
Cedar Crest Lands Limited		94,870
Westplan Construction		93,539
Palliser Environs		92,526
Greenlife Landscaping Ltd.		92,487
Alberta West Contracting 251264 Alberta		86,300
Wilco Landscape Contractors Ltd.		83,756
G & E Landscaping Ltd.		82,671
Alpha Better Landscaping (Division of Paxton Holdings Ltd.)		81,930
P.E. Landscape Contractors Ltd.		80,013
Instant Shade Nurseries Ltd.		77,311
Canrich Industrial Services Ltd.	A	73,187
WESTCASTLE MINIMUM SECURITY CORRECTIONAL CAMP, PINCHER CREEK (SITE UPGRADING & UTILITIES)		
APRIL 27, 1983		
El-San Industries Ltd.		182,000
Craigs Construction (Pincher Creek) Ltd.		172,889
Terr-Con Construction Ltd.		166,240
Big Island Construction Ltd.	A	144,356
TENANT IMPROVEMENTS - LABOUR, 9TH & 10TH FLOORS, IBM BUILDING, 10808 - 99 AVENUE, EDMONTON		
APRIL 28, 1983		
M. Blais Contracting Ltd.		65,749
Nordic Interiors Ltd.		35,965
Val Con Partitions Ltd.		33,439
Crescent Interiors Ltd.		32,091
Friese Management and Development Ltd.		30,106
Contract Project Management		28,420
V.K. Mason Construction Ltd.		27,777
Vogue Contracting Ltd.		27,380
Alps Construction Ltd.		27,328
Willow Spring Developments Ltd.		27,199
Apacon Contracting (1981) Ltd.		26,483
Rescom Development Group Ltd.		25,770
Canada West Interiors Ltd.	A	25,650
JUVENILE RECEIVING/DETENTION CENTRE, EDMONTON (SITE DEVELOPMENT & LANDSCAPING)		
APRIL 28, 1983		
Carmacks Construction Ltd.		194,444
Wells Construction Ltd.		163,072
Orlando Construction Ltd.		159,421
Sherwood Park Paving Ltd.		158,788
P.E. Landscape Contractors Ltd.		158,232
Wilco Landscape Contractors Ltd.		155,534
Master Paving Co. Ltd.		152,765
Everall Construction Limited		151,050
B & B Developments Ltd.	A	144,436
ALBERTA VOCATIONAL CENTRE - LAC LA BICHE (TEMPORARY SPACE FOR AVC WITHIN THE PROVINCIAL BUILDING)		
APRIL 28, 1983		
Lake Country Builders Ltd.		102,797
Cavan Construction Ltd.		101,310
Appleton Construction Ltd.		97,382
Gen-Mec Construction Co. Ltd.		96,794
Baseline Construction		95,237
Saval Developments Ltd.		90,607
Keller Construction Ltd.	A	88,900
ALBERTA RESEARCH COUNCIL - EDMONTON, PHASE I NEW ADMINISTRATION & LABORATORY BUILDING (CONTRACT NO. 2A WAREHOUSE FIXTURES & OUTFITTING)		
APRIL 28, 1983		
Redden Construction (1982) Ltd.		79,907
Stuart Olson Industrial Contractors Ltd.		74,685
Heron Construction Ltd.		74,588
AKU Construction Limited	A	74,153

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
MICHENER CENTRE, RED DEER, FUNCTIONAL UPGRADING PROGRAM, NORTH SITE	
APRIL 28, 1983	
AKU Construction Limited	423,477
Griffin Construction Ltd.	388,950
A. Grieb Construction Co. Ltd.	A 362,962
FRANK SLIDE ORIENTATION CENTRE - CROWSNEST PASS	
MAY 4, 1983	
Wesbridge Construction Limited	3,288,000
Ed Penner Construction Ltd.	2,790,000
Getkate Construction (1976) Ltd.	2,731,485
Penn-Co. Construction (A Division of A.K. Penner & Sons Ltd.)	2,707,442
Kenwood Construction Company	2,677,500
Newklas Construction Canada Ltd.	2,656,214
Capton Holdings Ltd.	2,654,928
W.W. Construction (Lethbridge) Ltd.	2,631,849
Carmacks Construction Ltd.	2,616,991
Medican Construction Ltd.	2,600,000
Fidelity-Maxam A Joint Venture	2,598,270
Pro-Forma Construction Ltd.	2,596,565
A.V. Carlson Construction Ltd.	2,586,000
Wm Dyck & Sons Contractors Alta. Ltd.	A2,477,000
SAM LIVINGSTON FISH HATCHERY - CALGARY, INSTALLATION OF ULTRA VIOLET PURIFICATION	
MAY 4, 1983	
H. Erickson and Sons Limited	1,485,000
Canyon Richfield Industries Ltd.	1,336,928
Mirtren Contractors Ltd.	1,319,193
Alpha Construction Ltd.	1,299,604
Penn-Co Construction (Division of A.K. Penner & Sons Ltd.)	1,296,700
Hurst Construction Co. Ltd.	1,285,868
Pre-Eng Structures, A Division of Multicorp Investments Ltd.	1,239,000
Bennett & White Western Ltd.	1,202,684
Watson Wesbow Construction Ltd.	1,200,000
Lear Construction Services Ltd.	A1,193,963
MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, ALSASK, SASKATCHEWAN	
MAY 4, 1983	
J.D. Brocklebank	9,440
G & G Enterprises	9,152
Wm. J. Stoddart Construction Ltd.	7,343
Hunterwood Developments Ltd.	A 4,500
CROWSNEST PASS CORRIDOR DEVELOPMENT, CROWSNEST PASS, FRANK SLIDE ORIENTATION CENTRE (UTILITY SERVICES - WATER SUPPLY)	
MAY 11, 1983	
Daw-Kim Construction Ltd.	390,049
Norem Construction Ltd.	125,786
Kerna Construction Ltd.	120,000
Batra Construction Ltd.	103,751
Whissell Engineering Ltd.	97,091
Tricat Enterprises Ltd.	88,241
Denson Construction Ltd.	85,443
Bachand Enterprises Inc.	84,672
El-San Industries Ltd.	79,934
Allstar Excavating Ltd.	72,211
McNally Contractors Ltd.	61,729
Chinook Equipment Rentals Ltd	57,254
Dwyer Engineering & Construction Ltd.	A 56,421
TENANT IMPROVEMENTS - SOCIAL SERVICES & COMMUNITY HEALTH, BROOKS VILLAGE SQUARE, 1308 - 2ND STREET, W., BROOKS (RE-TENDER)	
MAY 11, 1983	
Wesbridge Construction Limited	94,600
High Prairie Developments Ltd.	85,449
Reg Hicks Carpentry Services Ltd.	82,658
Integra Contracting Ltd.	73,225
Rescom Development Group Ltd.	A 64,497
TENANT IMPROVEMENTS - PHASE I - PERSONNEL ADMINISTRATION OFFICE, 2ND & 3RD FLOORS, KENSINGTON PLACE, 10011 - 109 STREET, EDMONTON	
MAY 12, 1983	
Roymar Contracting Ltd.	221,285
Bowlen Holdings Ltd.	212,907
Val Con Partitions Ltd.	206,096
Pentagon Industries Ltd.	205,000
V.K. Mason Construction Ltd.	202,700
Bird Construction Company Limited	199,773
Burke Interior Systems Ltd.	194,425
Contra Project Management Ltd.	191,173
G.C.L. Contracting Ltd.	189,290
Canyon Richfield Industries Ltd.	189,250
Krawford Construction Ltd.	188,995
Pro-Man Construction	186,105
Inpro Interior Project Management	178,950
Canada West Interiors Ltd.	174,100
Vogue Contracting Ltd.	173,440
Rescom Development Group Ltd.	170,777
Friese Management & Development Ltd.	162,930
Apacon Contracting (1981) Ltd	A 159,303
OFFICE BUILDING, U OF A FARM SITE, EDMONTON (SUPPLY & INSTALLATION OF WINDOW BLINDS)	
MAY 12, 1983	
Window World Draperies	59,775
Selective Commercial Draperies Ltd.	58,100
Athena Interior Enterprises Ltd.	57,570
RGO Office Products Ltd.	57,289
Terrina Textiles Ltd.	56,710
Rodco Draperies & Installations Ltd.	A 55,993
TENANT IMPROVEMENTS - DEPENDENT HANDICAPPED, SOCIAL SERVICES & COMMUNITY HEALTH, KELLER BUILDING, 17502 - 106 AVENUE, EDMONTON	
MAY 12, 1983	
Hearn Stratton Construction Ltd.	339,674
Pentagon Industries Ltd.	335,000
Canada West Interiors Ltd.	329,304
Keller Construction Ltd.	328,900
V.K. Mason Construction Ltd.	324,460

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
J.D. Bond Construction Group Ltd.	321,324
Vogue Contracting Ltd.	310,000
Rescom Developments Group Ltd.	304,666
Willow Spring Developments Ltd.	301,999
Pro-Man Construction	282,940
Apacon Contracting (1981) Ltd.	A 268,642
MAINTENANCE & REPAIR DEPOT, ELBOW FALLS (5-STALL GARAGE & RELATED FACILITIES) MAY 18, 1983	
Muntz Construction Ltd.	690,000
Teacon Developments Ltd.	663,900
McTavish, McKay & Company Limited	663,334
A.V. Carlson Construction Corp. Ltd.	634,194
Pro-Forma Construction Ltd.	624,188
Lear Construction Services Ltd.	619,000
Vanderspoel Construction Ltd.	614,654
Newklas Construction Canada Ltd.	598,735
Capton Holdings Ltd.	596,216
Watson Wesbow Construction Ltd.	588,931
Hurst Construction Co. Ltd.	587,842
Mirtren Contractors Ltd.	578,399
Gillett Construction (Calgary) Ltd.	564,494
PMS General Contracting Ltd.	524,107
Elan Building & Design Ltd.	A 508,044
PORTABLE CLASSROOM FACILITIES (5), VARIOUS LOCATIONS (BASSANO, OLDS (2), LOUGHEED, CALGARY) MAY 25, 1983	
Master Craft Homes Ltd.	343,133
Richard Owen	329,880
L.C. Greenough Construction Ltd.	274,977
Atco Structures, A Division of Atco Industries (N.A.) Ltd.	A 265,982
A.L.C.B. STORE ADDITION, EDMONTON, CAPILANO (5004 - 98 AVENUE) MAY 26, 1983	
Draginda Construction Ltd.	249,000
S.F.H. General Contracting Ltd.	218,457
Vince Grande Construction Ltd.	210,031
Pacific Construction (1982) Ltd.	209,682
Rescom Development Group Ltd.	206,198
Pentagon Industries Ltd.	199,850
Orlando Construction Ltd.	199,500
Silcan General Construction Ltd.	198,950
Kemp & Jeske Contractors Ltd.	195,550
Vanderspoel Construction Ltd.	189,995
Elwood Construction Ltd.	189,541
Indigo Construction Ltd.	189,000
M & M Construction Ltd.	188,600
Binder Construction Limited	187,711
L.C. Greenough Construction Ltd.	187,573
Pro-Man Construction	185,754
M.P. Madsen Construction Inc.	184,828
Intex Construction Corporation	A 183,189
CONTRACT NO. 1, SITE CLEARING & GRADING, PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE MAY 26, 1983	
Keleman Holdings Ltd.	1,047,510
Boutin Trucking Ltd.	930,940
Ken Wilson Contracting Ltd.	928,750
Caribou Construction Ltd.	924,850
Johnson & Hebert Construction Ltd.	865,350
North American Road Ltd.	810,200
Wapiti Gravel Suppliers Ltd.	790,060
J.C. Construction (Edm.) Ltd.	758,105
Don Pearson Construction Ltd.	711,740
Lee-Jay Holdings Ltd.	688,365
Pat Garrett General Trucking Ltd.	590,640
UCM Properties Ltd.	A 566,453
TENANT IMPROVEMENTS, RELOCATE SOCIAL SERVICES & COMMUNITY HEALTH, CUE BALL BUILDING, PINE PLAZA, GRANDE CACHE MAY 26, 1983	
Bloomfield Construction Ltd.	219,000
Prism Construction Company Ltd.	195,750
Becker Construction (Grande Cache) Ltd.	190;719
Krawridge Contracting	190,575
K. Shaw & Sons Contracting Ltd.	174,400
Russell Construction Ltd.	171,900
HWD Construction Ltd.	A 160,566
FISH & WILDLIFE WAREHOUSE, OYEN (NEW FACILITY) JUNE 1, 1983	
Bruno Builders Ltd.	231,000
Gillett Construction (Calgary) Ltd.	153,545
D & H Construction Ltd.	136,600
Greene Construction (1981) Ltd.	134,400
Vanderspoel Construction Ltd.	128,225
Saracen Construction (1974) Ltd.	A 126,680
CYPRESS HILLS PROVINCIAL PARK, CONTRACT 8A, MARINA BUILDING, LANDSCAPE DEVELOPMENT JUNE 1, 1983	
Terrarec Limited	216,515
Instant Shade Nurseries Ltd.	210,000
Grassroots Landscape & Irrigation Ltd.	204,647
Cedar Crest Lands Limited	199,784
O'Brien Contracting Canada Limited	179,427
Michele's Landscaping Ltd.	176,456
Wilco Landscape Contractors Ltd.	174,305
Cummins Developments Ltd.	163,212
Paxton Holdings Ltd.	A 140,268
AGS SUPPLY CENTRE WAREHOUSE, EDMONTON, 12360 - 142 STREET, (SITE DEVELOPMENT) JUNE 2, 1983	
Sherwood Park Paving Ltd.	134,633
Carmacks Construction Ltd.	117,546
Stan Johnson Electrical Contractors Ltd.	A116,600
TENANT IMPROVEMENTS, PHASE 2, PERSONNEL ADMINISTRATION OFFICE, 4TH & 5TH FLOORS KENSINGTON PLACE, 10011 - 109 STREET, EDMONTON JUNE 2, 1983	
Val Con Partitions Ltd.	215,812
Bowlen Holdings Ltd.	209,399
Pentagon Industries Ltd.	168,225

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
Inpro Interior Project Management	155,887
Nordic Interiors Ltd.	151,467
Apacon Contracting (1981) Ltd.	144,600
Danwood Interiors Ltd.	141,440
Vogue Contracting Ltd.	135,400
Rescom Development Group Ltd.	133,685
Canada West Interiors Ltd.	A 126,500

ALBERTA RESEARCH COUNCIL, PHASE I, NEW ADMINISTRATION & LABORATORY BUILDINGS (CONTRACT NO. 4 LABORATORY & ADMINISTRATION BUILDING) EDMONTON
JUNE 2, 1983

V.K. Mason Construction Ltd.	30,369,000
Cavan Construction Ltd.	30,325,000
Sun Construction Company Limited	30,300,000
Bird Construction Company Limited	30,182,996
Graham Construction Ltd.	29,889,254
Cana Construction Co. Ltd.	29,670,000
Ellis-Don Limited	29,497,000
Capton Holdings Ltd.	29,261,800
Stuart Olson Industrial Contractors Ltd.	29,225,000
PCL Construction Ltd.	29,160,000
A.V. Carlson Construction Corp. Ltd.	A29,105,129

UKRAINIAN CULTURAL HERITAGE VILLAGE (LANDSCAPE DEVELOPMENT) (SODDING OF BAND SHELL AREA)
JUNE 2, 1983

Twin Lake Construction Ltd.	80,631
George's Development Ltd.	63,287
Clareview Landscaping Ltd.	56,552
Lothlorien Landscaping Ltd.	56,291
Wilco Landscape Contractors Ltd.	46,440
Land Tec Landscape Contractors Ltd.	A 45,295

TREASURY BRANCH, BLACK DIAMOND, ADDITION & RENOVATIONS (RE-TENDER)
JUNE 8, 1983

Lear Construction Services Ltd.	IB 182,555
Dominion Construction Company Limited	222,463
Boulder Construction Ltd.	219,412
Capton Holdings Ltd.	217,062
Hurst Construction Co. Ltd.	211,995
Wm. Dyck & Sons Contractors Alta. Ltd.	207,695
Mirtren Contractors Limited	206,380
Pro-Forma Construction Ltd.	204,717
Muntz Construction Ltd.	202,000
Gillett Construction (Calgary) Ltd.	199,593
Penn-co Construction (Division of A.K. Penner & Sons Ltd.)	199,414
Thomson & Sons Division of 240874 Alberta Ltd.	198,500
Norem Construction Ltd.	192,599
PMS Corporation	187,300
Hornstrom Bros. Construction Ltd.	A 185,967

CYPRESS HILLS PROVINCIAL PARK (ELKWATER SHOREFRONT DEVELOPMENT, PHASE V, CONTRACT 13, ROADS & UTILITIES)
JUNE 8, 1983

Kluane Construction Ltd.	584,700
South Rock Ltd.	450,772
Lawrence Meier Trucking Ltd.	A 430,365

UKRAINIAN CULTURAL HERITAGE VILLAGE, PHASE IV
JUNE 9, 1983

PMS Corporation	1,405,000
Cavan Construction Ltd.	1,322,728
Wolski Building Contractors Ltd.	1,317,871
Mario Concrete Work & Stonemasonry Ltd.	1,309,537
Krawford Construction Ltd.	1,264,985
Watson Tofield (1973) Ltd.	1,238,407
Keller Construction Ltd.	1,219,000
Summit Construction Ltd.	1,194,571
Pentagon Industries Ltd.	1,170,850
Binder Construction Limited	1,170,116
A.J.H. Construction Management Ltd.	A1,122,000

A.L.C.B. STORE, WHITECOURT
JUNE 9, 1983

D. Ostrander Construction Ltd.	559,360
Bennett & White Western Ltd.	497,354
Altarctic Engineering & Construction Ltd.	482,535
L.C. Greenough Construction Ltd.	480,347
Summit Construction Ltd.	471,775
Varnerin Construction Ltd.	469,267
Silcan General Construction Ltd.	464,844
Shannon & Sims Developments Ltd.	462,329
Heron Construction Ltd.	461,748
Atcon Developments Ltd.	461,000
Pacific Construction (1982) Ltd.	459,560
Lear Construction Services Ltd.	459,300
Indigo Construction Ltd.	458,000
K & M Buiilding Contractors Ltd.	457,202
Orlando Construction Ltd.	449,700
Binder Construction Ltd.	448,741
Vanderspoel Construction Ltd.	447,958
Noranda Builders Ltd.	A 432,900

MULTI-PURPOSE RECREATION BUILDING, BONNYVILLE (LANDSCAPE DEVELOPMENT)
JUNE 9, 1983

200311 Holding Ltd. Operating as Lakeland Enterprises	62,165
Tru-Mix Concrete Ltd.	61,904
Sherylbrook Landscape Contractors Ltd.	59,631
Matichuk Developments Ltd.	52,573
Kiwi Landscaping (1983) Ltd.	48,271
Ace-Arrow Environmental Contractors Ltd.	47,762
Land Tec Landscape Contractors Ltd.	46,659
Heritage Landscape Construction Ltd.	43,137
Cedar Crest Lands Ltd.	43,094
Pineview Landscaping Ltd.	39,985
Wilco Landscape Contractors Ltd.	38,841
Westgrow Landscaping Ltd.	A 36,279

UKRAINIAN CULTURAL HERITAGE VILLAGE (GRADING & UTILITIES)
JUNE 9, 1983

Three Star Plumbing (1982) Ltd.	580,980
Carmacks Construction Ltd.	518,000
Richardson Bros. (Olds) Ltd.	515,357
A.K. Construction Ltd.	A 445,857

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
BOW ISLAND TREASURY BRANCH, BASEMENT WATERPROOFING & ALTERATIONS		
JUNE 15, 1983		
D & H Construction Ltd.		120,000
Muntz Construction Ltd.		102,627
Bayker Construction Ltd.		86,400
Wesbridge Construction Ltd.		78,800
Ward Bros. Construction Ltd.		75,397
J.D. Storozuk General Contracting Ltd.		70,275
Galko Construction Ltd.		63,400
Westplan Construction		56,750
Thomson & Sons Division of 240874 Alberta Ltd.	A	49,815
MAINTENANCE & REPAIR DEPOT - CANMORE (4-STALL GARAGE & RELATED FACILITIES)		
JUNE 15, 1983		
Sillman Company (Construction) Limited		456,386
Hurst Construction Co. Ltd.		446,642
Holt-Stein Builders Ltd.		437,913
Mermac Construction Ltd.		436,600
Nu-West Structures (Calgary) Ltd.		418,000
Hornstrom Bros. Construction Ltd.		407,876
Penn-Co Construction (Division of A.K. Penner & Sons Ltd.)		404,684
Pro-Forma Construction Ltd.		398,844
Pre-Eng Structures, A Division of Multicorp Investments Ltd.		391,567
Thomson & Sons Division of 240874 Alberta Ltd.		389,900
Gillett Construction (Calgary) Ltd.	A	380,000
TREASURY BRANCH, EDMONTON, FIRST EDMONTON PLACE		
JUNE 16, 1983		
Graham Construction Ltd.		390,877
Atcon Developments Ltd.		387,540
V.K. Mason Construction Ltd.		371,500
L.J.M. Contracting Ltd.		327,909
Bennett & White Western Ltd.		310,806
Heron Construction Ltd.		309,432
Binder Construction Limited		297,132
Nordic Interiors Ltd.		296,509
H & S Business Enterprises Ltd.	A	285,841
TENANT IMPROVEMENTS, PHASE 3, PERSONNEL ADMINISTRATION OFFICE, 6TH & 7TH FLOORS, KENSINGTON PLACE, 10011 - 109 STREET, EDMONTON		
JUNE 16, 1983		
B & B Development Ltd.		239,625
AKU Construction Ltd.		212,753
Fidelity - Maxam Construction Ltd.		212,651
Rescom Development Group Ltd.		199,777
Bowlen Holdings Ltd.		199,442
Inpro Interior Project Management		192,746
Western Johann's Contracting Ltd.		179,655
Apacon Contracting 1981 Ltd.		179,232
Vogue Contracting Ltd.		176,800
Canada West Interiors Ltd.	A	166,800
GOVERNMENT COMPLEX, UNIVERSITY FARM AREA, EDMONTON, UTILITY SERVICES & BUILDING RELOCATIONS (SITE DEVELOPMENT & LANDSCAPE DEVELOPMENT)		
JUNE 16, 1983		
Automated Concrete Ltd.		107,090
Cascade Landscaping Ltd.		104,229
Berry Bros. Construction Ltd.		97,946
Sherwood Park Paving Ltd.		96,713
Land Tec Landscape Contractors Ltd.		93,173
Cedar Crest Lands Limited		88,728
Kiwi Landscaping (1983) Ltd.		83,729
Heritage Landscape Construction Ltd.		79,995
Carmacks Construction Ltd.		79,734
Wilco Landscape Contractors Ltd.	A	64,620
PINE RIDGE FOREST NURSERY - SMOKY LAKE (SITE DEVELOPMENT - PAVING)		
JUNE 16, 1983		
Robertson Construction Ltd.		664,137
Fort Services & Ditching Ltd.		586,152
Eastbrook Sand and Gravel Limited		470,423
Sherwood Park Paving Ltd.		451,882
Everall Construction Limited		422,936
Carmacks Construction Ltd.		414,522
Border Paving Ltd.		398,180
W.A. Cook & Sons Ltd.	A	346,241
ALBERTA AGRICULTURE BUILDING (SUPPLEMENTARY KITCHEN EQUIPMENT)		
JUNE 16, 1983		
ABC Cassidy Inc.		34,226
Standard Metal Products Ltd.		33,400
Condon-Barr Food Equipment Ltd.		32,964
McKinley & Taylor Ltd.	A	32,160
COURTHOUSE, WETASKIWIN (LANDSCAPE DEVELOPMENT)		
JUNE 16, 1983		
Alberta Nurseries & Seeds Ltd.		26,101
Riches Landscaping		24,404
Envirngro Urban Foresters (1981) Ltd.		23,802
Conrad's Landscaping (1981) Ltd.		23,627
Smith Sod and Soil Ltd.		23,472
Parkview Landscaping (1978) Ltd.		23,370
Geneva Gardens Inc.		22,798
Appollo Landscaping Services A Division of HOM Farms Ltd.		21,861
Daryl's Creative Landscaping	A	21,780
TENANT IMPROVEMENTS, ADVANCED EDUCATION, PARKSIDE OFFICE BUILDING, 10924 - 119 STREET, EDMONTON		
JUNE 16, 1983		
Canada West Interiors Ltd.		34,700
Masterline Interior Contractors Ltd.		32,688
Drycon Interior Contractors Ltd.		31,768
Charrel Construction Ltd.		29,886
Stylex Interiors Limited		29,600
Danwood Interiors Ltd.	A	22,943
FOREST TECHNOLOGY SCHOOL, HINTON, RENOVATIONS TO FOOD FACILITIES		
JUNE 16, 1983		
Atcon Developments Ltd.		848,220

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Vanderspoel Construction Ltd.		779,027
Dineen Construction Limited		694,000
Ericstad Construction Ltd.		678,800
Binder Construction Ltd.	A	674,536

A.L.C.B. STORE, HORIZON ESTATES, CALGARY
JUNE 22, 1983

PMS Corporation		IB1,173,900
Boulder Construction Ltd.		1,344,942
Mirtren Contractors Ltd.		1,338,607
Hurst Cosntruction Co. Ltd.		1,309,606
Opus Building Corporation		1,296,000
N.Y. Construction Ltd.		1,295,000
H. Erickson and Sons Limited		1,276,000
Norem Construction Ltd.		1,269,000
Pro-Forma Construction Ltd.		1,268,788
Elan Building & Design Ltd.		1,264,191
Gillett Construction (Calgary) Ltd.		1,261,456
Lear Construction Services Ltd.		1,253,887
Sillman Company (Construction) Limited		1,249,942
Newklas Construction Canada Ltd.		1,244,986
Nu-West Structures (Calgary) Ltd.		1,234,900
A.V. Carlson Construction Corp. Ltd.		1,224,421
Pre-Eng Structures, A Division of Multicorp Investments Ltd.		A1,179,189

FISH CREEK PROVINCIAL PARK - CALGARY (CONTRACT #15H, SIKOME LAKE ACCESS CONTROL)
JUNE 22, 1983

Burnco Rock Products Ltd.		97,792
Batra Construction Ltd.		39,035
Standard General Construction Ltd.	A	35,662

ADOLESCENT TREATMENT CENTRE, CALGARY, SITE DEVELOPMENT, (WOOD'S CHRISTIAN HOMES, DUST EXTRACTION SYSTEM & OVERHEAD POWER SUPPLY TO WOODWORK SHOP)
JUNE 22, 1983

J.H.B. Construction Ltd.		56,985
Penn-Co Construction (Division of A.K. Penner & Sons Ltd.)		53,698
Mirtren Contractors Ltd.	A	49,824

FISH CREEK PROVINCIAL PARK - CALGARY (CONTRACT 20C - ASPHALT TRAILS, AREAS 8 & 9)
JUNE 22, 1983

Burnco Rock Products Ltd.		58,133
Batra Construction Ltd.		28,999
Standard General Construction Ltd.	A	26,548

TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, PROVINCIAL BUILDING, WAINWRIGHT
JUNE 23, 1983

Wolski Building Contractors Ltd.		166,553
Watson Tofield (1973) Ltd.		114,951
Andy Klassen Construction Ltd.		106,458
A. Hansen & Sons Construction Ltd.	A	102,795

ALBERTA VOCATIONAL CENTRE - LAC LA BICHE, NEW CAMPUS & STUDENT HOUSING, CONTRACT NO. 3, BLOCK FIVE FAMILY HOUSING
JUNE 23, 1983

Appleton Construction Ltd.		284,800
Pacific Construction (1982) Ltd.		281,370
Cavan Construction Ltd.		261,800
Bemar Construction Ltd.		257,279
M & M Construction Ltd.		241,205
Atcon Developments Ltd.		238,770
Handy Andy Construction Ltd.		237,000
Keller Construction Ltd.	A	232,900

WEST CALGARY REMAND CENTRE, CALGARY, CONTRACT #1, ROUGH GRADING
JUNE 29, 1983

Chief Construction Co. Ltd.		237,498
Dwyer Engineering & Construction Ltd.		225,940
Richardson Bros. (Olds) Ltd.		218,950
Roadway Earthmoving Construction Ltd.		216,490
Standard General Construction Ltd.		214,445
F.W. Lamb & Sons Ltd.		191,785
Budd Bros. Ltd.		189,713
Whissell Engineering Ltd.		188,730
Booth Construction Ltd.		177,285
Kon Construction Ltd.		175,000
L. Hackman & Associates Ltd.		163,700
Wollersheim Earth Moving Co. Ltd.	A	151,625

A.P.M.R.I./TYRRELL MUSEUM OF PALAEONTOLOGY, MIDLAND PROVINCIAL PARK, DRUMHELLER (CONTRACT #3, SEWER LINE)
JUNE 29, 1983

Whissell Engineering Ltd.		320,454
Sonmor Excavating Ltd.		282,755
Volker Stevin Contracting Ltd.		259,472
Kerna Construction Ltd.		250,000
Barjac Construction Management Ltd.		227,525
Keemen Construction Ltd.		204,019
Fair Eye Construction Ltd.	A	196,538

TENANT IMPROVEMENTS - ADVANCED EDUCATION, MANPOWER AND CAREER DEVELOPMENT, PEACE RIVER SHOPPING CENTRE & KIT BUILDING, PEACE RIVER
JUNE 30, 1983

T.H. Gust Builders Ltd.		87,400
Lavergne Construction Ltd.		79,383
Russ Ball Construction Ltd.	A	63,890

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #2, LIVING UNITS, PILING
JULY 6, 1983

Petrifond Foundation Midwest Limited		297,632
Subterranen (Alberta) Ltd.		254,000
Franki Canada Limited		239,225
Western Caissons Limited		219,440
Canada Caisson Company Ltd.	A	208,260

TENANT IMPROVEMENTS, TRANSPORTATION FISH AND WILDLIFE, HUM BUILDING, 5907 - 45 STREET, LEDUC
JULY 7, 1983

Ren-dex Construction Ltd.		63,729

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Dynamic Interior Systems Ltd.		59,195
Dominion Construction Company Limited		58,928
Friese Management & Development Ltd.		48,750
Pondu Construction & Excavating Ltd.		39,950
Canada West Interiors Ltd.	A	38,250

A.L.C.B. ADDITIONS & RENOVATIONS, CAMROSE
JULY 7, 1983

Vince Grande Construction Ltd.		480,665
Mario Concrete Work & Stonemasonry Ltd.		423,398
Indigo Construction Ltd.		423,000
Chandos Construction Ltd.		423,000
M & M Construction Ltd.		420,286
C. Burrows Construction Ltd.		413,211
Watson Tofield (1973) Ltd.		410,763
Atcon Developments Ltd.		409,120
M.P. Madsen Construction Inc.		408,636
Ericstad Construction Ltd.		407,800
Wolski Building Contractors Ltd.		407,428
Orlando Construction Ltd.		403,760
A. Hansen & Sons Construction Ltd.		399,950
Vanderspoel Construction Ltd.	A	394,723

N.A.I.T., EDMONTON, ALTERATIONS TO CONSTRUCTION WING (DUST COLLECTION SYSTEM)
JULY 7, 1983

Vet's Sheet Metal Ltd.		395,000
J.K. Campbell & Associates Limited		374,498
L.A. Brayer Industries Ltd.		364,128
Lockerbie and Hole Co. Ltd.	A	346,000

RE-TENDER TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, C.R.C. BUILDING, MEDICINE HAT
JULY 7, 1983

Everetts Drywall Ltd.		60,848
Silcher Construction (1978) Limited		56,489
John Ens Construction Ltd.		46,021
Medicine Hat and District Hospital	A	32,461

TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, PROVINCIAL BUILDING, ST. PAUL
JULY 7, 1983

Bert Pratch Construction Co. Ltd.		91,644
Rick Voth Construction Ltd.		59,023
Paul Premak Construction Ltd.		40,911
John Kossowan Construction	A	39,632

DRUMHELLER COURTHOUSE (LANDSCAPE DEVELOPMENT)
JULY 13, 1983

Foothills Landscaping Ltd.		79,147
Palliser Environs		68,665
I.L.C. Irrigation & Landscape Contracting Ltd.		68,665
Appollo Landscaping Services, A Division of HOM Farms Ltd.		67,746
F & D Contracting Ltd.		67,118
Canrich Industrial Services Ltd.		65,606
Michele's Landscaping Ltd.		64,096
Land Tec Landscape Contractors Ltd.		63,067
Wilco Landscape Contractors Ltd.		60,630
O'Brien Contracting Canada Ltd.		60,521
Paxton Holdings Ltd.		59,260
Cedar Crest Lands Ltd.		58,309
Instant Shade Nurseries Ltd.		53,669
P.E. Landscape Contractors Ltd.	A	52,250

CYPRESS HILLS PROVINCIAL PARK (ELKWATER SHOREFRONT DEVELOPMENT, PHASE IV, CONTRACT 11 - BOAT LAUNCHES)
JULY 13, 1983

D & H Construction Ltd.		270,611
Fedderson Engineering Ltd.		206,570
El-San Industries Ltd.		171,000
Geodex Pile Driving Limited		148,787
Daw - Kim Construction Ltd.		132,995
Westplan Construction		116,397
Cummins Developments Ltd.	A	112,570

PROVINCIAL BUILDING SITE, RAYMOND, DISPOSAL OF MASONRY STRUCTURES/ FOUNDATIONS & RELATED SITE WORK
JULY 13, 1983

Aspen Excavating		37,600
Dueck Enterprises Ltd.		31,802
F. Miller Excavating Ltd.		31,500
Stewmac Industries		29,629
D & M Cattle & Trucking (Raymond) Ltd.		22,470
Top Line Construction Ltd.	A	19,700

PROVINCIAL BUILDING SITE, AIRDRIE, DISPOSAL OF HOUSE & GARAGE
JULY 20, 1983

WRD Borger Construction Ltd.		37,500
O'Donnell Contracting Co. Ltd.		22,681
Standard-General Construction Limited		13,500
Aspen Excavating		9,800
Pavlin's Excavating		9,300
G.H. Snow Construction Co. Ltd.	A	6,362

DEMOLITION & DISPOSAL OF AGRICULTURE STORAGE WAREHOUSE, 918 - 4 AVENUE NORTH, LETHBRIDGE
JULY 20, 1983

Dueck Enterprises Ltd.		35,610
D & M Cattle & Trucking (Raymond) Ltd. o/a D & M Trucking & Excavating		33,720
Wearmouth of Calgary Demolition Contractors Ltd.	A	32,060

LAW COURTS ADDITION, PHASE VI, EDMONTON, ALTERATIONS TO EXISTING BUILDING, CONTRACT C
JULY 21, 1983

Cana Construction Co. Ltd.		605,000
M & M Construction Ltd.		591,076
Pentagon Industries Ltd.		572,674
Cavan Construction Ltd.		562,000
Binder Construction Limited		559,247
Graham Construction Ltd.		549,571
Orlando Construction Ltd.	A	548,800

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
YOUNGSTOWN HOME, YOUNGSTOWN, NEW 80-BED RESIDENTIAL & REHABILITATION CENTRE (OFF-SITE SERVICES) JULY 27, 1983	
Batra Construction Ltd.	292,733
Al's Plumbing & Gasfitting Ltd.	252,194
Charter Construction Limited	226,000
Greene Construction (1981) Ltd.	201,716
Burmac Plumbing & Heating Ltd.	199,840
Allstar Excavating Ltd.	199,699
Sonmor Excavating Ltd.	A 179,718
KANANASKIS COUNTRY RECREATION PLAN, MOUNT KIDD RECREATIONAL VEHICLE PARK (CENTRAL SERVICE BUILDING & CAMPSITE WASHROOMS) JULY 27, 1983	
Ed Penner Construction Ltd.	1,298,200
McTavish, McKay & Company Limited	1,240,466
Fenka Construction Ltd.	1,181,000
Genstar Properties Limited	1,168,000
Solar Drywall (1981) Ltd.	1,163,000
Witan Construction Ltd.	1,139,063
Penn-co Construction (Division of A.K. Penner & Sons Ltd.)	1,115,713
Wm. Dyck & Sons Contractors Alta Ltd.	1,095,000
Holt-Stein Builders Ltd.	1,080,567
Norem Construction Ltd.	1,048,500
Nu-West Structures (Calgary) Ltd.	1,039,000
Gillett Construction (Calgary) Ltd.	A1,035,425
HOLY REDEEMER COLLEGE, EDMONTON, STAFF TRAINING COLLEGE RENOVATIONS (SEWER & WATER SERVICES) JULY 28, 1983	
Star Construction Ltd.	314,594
Rousseau Equipment Ltd.	312,459
Three Star Plumbing (1982) Ltd.	312,102
Camdem Construction Ltd.	297,056
Borland Construction Limited	288,900
G.S. Holdings Company Ltd.	287,668
A.K. Construction Limited	271,407
Eng-Con Holdings Ltd.	257,418
Kran Construction Ltd.	A 252,027
PINE RIDGE FOREST NURSERY - SMOKY LAKE, GENETICS & TREE IMPROVEMENTS FACILITY ADDITION JULY 28, 1983	
Vanderspoel Construction Ltd.	864,130
Keller Construction Ltd.	798,000
Binder Construction Ltd.	797,800
Cavan Construction Ltd.	781,950
Omex Construction Ltd.	778,437
Pentagon Industries Ltd.	766,000
M & M Construction Ltd.	763,965
Orlando Construction Ltd.	A 758,000
ALBERTA VOCATIONAL CENTRE, LAC LA BICHE, NEW CAMPUS & STUDENT HOUSING, CONTRACT NO. 4, ROADS & SIDEWALKS FOR FAMILY HOUSING AUGUST 4, 1983	
Everall Construction Ltd.	283,260
Border Paving Ltd.	A 214,995
TENANT IMPROVEMENTS, RELOCATE LABOUR TESTING FACILITIES, 11216 - 143 STREET, EDMONTON AUGUST 4, 1983	
Ericstad Construction Ltd.	79,200
Pentagon Industries Ltd.	74,775
Nordic Interiors Ltd.	74,690
E & J DaSilva Custom Woodwork Ltd.	71,988
Inpro Interior Project Management	71,808
Vogue Contracting Ltd.	70,480
Canada West Interiors Ltd.	A 70,136
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #5, LIVING UNIT, CONCRETE GRADE BEAMS AUGUST 10, 1983	
Shearform Construction Ltd.	314,235
Ras-Dam Construction Ltd.	301,428
Capat Contractors Ltd.	270,504
McLean Young Construction Ltd.	248,320
Prairie West Construction Ltd.	248,247
Fayben Contractors Ltd.	A 216,800
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #3, MECHANICAL SITE SERVICING AUGUST 10, 1983	
Fort Services & Ditching Ltd.	947,193
Patrick Pipeline Ltd.	882,029
Wissell-McLeod Ventures Ltd.	839,830
Volker Stevin Contracting Ltd.	827,125
Star Construction Ltd.	779,948
Grande Cache Holdings Ltd.	777,077
Ras-Dam Construction Ltd.	A 754,893
ST. PAUL PROVINCIAL BUILDING, ALTERATIONS & RENOVATIONS (RE-TENDER) AUGUST 11, 1983	
Bert Pratch Construction Co. Ltd.	237,025
Noralta Construction Ltd.	203,885
Canada West Interiors Ltd.	169,865
L.J.M. Contracting Ltd.	A 163,778
BLOOD TRANSFUSION SERVICE BUILDING, EDMONTON AUGUST 11, 1983	
Dillingham Construction Ltd.	11,728,324
Antioch Construction Corp.	11,622,501
Krawford Construction Ltd.	11,523,900
Forest Contract Management Ltd.	11,449,700
Kraft Construction Company (1978) Ltd.	11,399,883
Ellis-Don Management Services Ltd.	11,385,427
Stuart Olson Industrial Contractors Ltd.	11,374,656
V.K. Mason Construction Ltd.	11,350,000
Cana Construction Co. Ltd.	11,336,777
Bird Construction Company Limited	11,329,748
Graham Construction Ltd.	11,256,965
300472 Alberta Ltd.	11,218,415
Pentagon Industries Ltd.	10,999,000
Fidelity-Maxam, A Joint Venture	A10,960,000
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE (OFF-SITE SERVICES, WATER MAIN) AUGUST 11, 1983	
Arpi's Industries Ltd.	BW137,138
A.K. Construction Ltd.	227,202
Golden Crest Construction Ltd.	218,225

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Rousseau Equipment Ltd.		217,980
Grande Cache Holdings Ltd.		199,810
Ras-Dam Construction Ltd.	A	185,210
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #4, SECURITY DOORS, FRAMES & HARDWARE AUGUST 11, 1983		
H. Weizel & Associates Ltd.		1,199,900
Venture Metalcrafts Limited		1,062,966
Steldor Ltd.		1,042,968
SDI Steel Door Industries Ltd.	A	933,516
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #7, LIVING UNIT, UNDERSLAB PLUMBING AUGUST 12, 1983		
Schendel Plumbing & Heating Ltd.		148,000
Danbrook & Pelland Plumbing & Heating (1969) Ltd.		137,734
Williams Plumbing & Heating Co. Ltd.		136,221
Lockerbie & Hole Company Limited		129,790
Newland Contracting (North) Ltd.		124,790
Fuller & Knowles Company Limited		93,800
Western Poly Gas Distributors Ltd.	A	81,980
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #11, CELL DOORS, FRAMES & HARDWARE AUGUST 17, 1983		
Venture Metalcrafts Ltd.	IB	397,863
Steldor Ltd.	IB	383,970
SDI Steel Door Industries Ltd.		549,264
H. Weizel & Associates Ltd.	A	497,890
FISH CREEK PROVINCIAL PARK - CALGARY (CONTRACT 33B, WASHROOM, AREA 2) AUGUST 17, 1983		
Ed Penner Construction Ltd.		169,300
McTavish, McKay & Company Limited		121,941
Bennett & White Western Ltd.		111,853
Pro-Forma Construction Ltd.		106,176
Teacon Developments Ltd.		101,800
Devitt & Forand Contractors (Calgary) Ltd.		97,224
Four Ways Construction Ltd.	A	94,500
LAW COURTS ADDITION, EDMONTON, PHASE V (g) TENANT IMPROVEMENTS, LEVEL 1 AUGUST 18, 1983		
Cana Construction Co. Ltd.		99,250
Canada West Interiors Ltd.		81,581
Val Con Partitions Ltd.		64,542
Vogue Contracting Ltd.		59,900
Alps Construction Ltd.		48,430
Apacon Contracting (1981) Ltd.	A	47,501
TREASURY BRANCH RENOVATIONS, RED DEER AUGUST 18, 1983		
Wolski Building Contractors Ltd.		175,415
A. Grieb Construction Co. Ltd.		153,100
Laebon Developments Ltd.		136,800
Tang Construction Ltd.		134,500
Griffin Construction Ltd.	A	130,000
TENANT IMPROVEMENTS, HOSPITALS & MEDICAL CARE, CROWN TRUST BUILDING, 407 - 8 STREET, S.W., CALGARY AUGUST 31, 1983		
Cougar Contractors Ltd.		51,945
Lifestyle Holdings Ltd.		51,430
Atco Housing & Development Corp.	A	45,314
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #10, STEEL SECURITY WINDOW FRAMES AUGUST 31, 1983		
Western Metal Fabricators (1962) Ltd.		397,453
Canadian Fenestrations Limited		378,000
Oxford Machine & Welding Ltd.		226,750
Steldor Ltd.		198,000
SDI Steel Door Industries Ltd.	A	144,490
COURTHOUSE - RED DEER (LANDSCAPE DEVELOPMENT) SEPTEMBER 1, 1983		
Noble Landscape & Tree Farms Ltd.		51,420
Geneva Gardens Inc.		47,312
Parkview Landscaping (1978) Ltd.		43,731
Appollo Landscaping Services, A Division of H.O.M. Farms Ltd.		40,857
Treeland Nursery Stock Distributors Ltd.		39,491
Getaway Landscaping Ltd.		39,440
Daryl's Creative Landscaping	A	36,462
ALBERTA CORRESPONDENCE SCHOOL, BARRHEAD (SCOPE REVISIONS - EXTERIOR WORK) SEPTEMBER 1, 1983		
L & J Contractors Ltd.		37,811
Sherwood Park Paving Ltd.	A	29,470
NORTHERN ALBERTA FISH HATCHERY - COLD LAKE (CONTRACT NO. 1 - EARTHWORK, PUMPHOUSE & PIPELINES) SEPTEMBER 1, 1983		
A & G Enterprises Ltd.		2,716,553
Antioch Construction Corp.		2,479,938
Patrick Pipeline Ltd.		2,313,943
Carmacks Construction Ltd.		2,278,517
Volker Stevin Contracting Ltd.		2,244,601
North American Road Ltd.		2,170,000
Mathews Group Limited		2,166,508
P & M Construction Ltd.		2,030,000
Fort Services & Ditching Ltd.	A	1,984,000
MAINTENANCE YARD, EDSON, SECOND STORAGE SHED SEPTEMBER 1, 1983		
B.G.A. Builders & Concrete Ltd.		74,440
Russell Construction Hinton Ltd.		68,607
Tredwin Construction Ltd.		67,120
Noranda Builders Ltd.		57,300
Crawley & Mohr Ltd.		56,597
D. Ostrander Construction Ltd.		47,824
T.K.N. Construction Ltd.	A	45,778

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
FISH CREEK PROVINCIAL PARK, CALGARY, CONTRACT 33A, SHAW'S MEADOW INFORMATION CENTRE, AREA 3	
SEPTEMBER 7, 1983	
Four Ways Construction	IB219,500
P.M.S. General Contractors	IB181,357
Pro-Forma Construction Ltd.	BW175,445
McTavish, McKay & Company Limited	296,265
Tricat Enterprises Ltd.	296,265
City & Country Industries Ltd.	286,781
Hurst Construction Co. Ltd.	286,007
WRD Borger Construction Ltd.	265,613
Allstar Excavating Ltd.	258,312
Batib Contractors Ltd.	247,927
Hornstrom Bros. Construction Ltd.	242,701
Nu-West Structures (Calgary) Ltd.	230,900
The CLR Outfit Heavy Construction Ltd.	221,163
Kapel Construction Ltd.	217,929
Master Craft Homes Ltd.	A 205,451
CORRECTIONAL INSTITUTION - LETHBRIDGE (GREENHOUSE - HOT & COLD FRAMES - RENOVATIONS) RE-TENDER	
SEPTEMBER 14, 1983	
Chronik Construction Ltd.	329,353
Kenwood Construction Company	327,000
Wesbridge Construction Limited	316,570
Gillett Construction (Calgary) Ltd.	311,959
Galko Construction Ltd.	298,800
D & H Construction Ltd.	293,226
Adamix Concrete & Construction Corp. Ltd.	A 285,850
PROVINCIAL TREE NURSERY, OLIVER, GREENHOUSE SUPERSTRUCTURES & FENCED EQUIPMENT, STORAGE YARD (FENCING, SITE WORK & STORAGE SHEDS)	
SEPTEMBER 15, 1983	
Plumb Construction Ltd.	126,250
Saval Developments Ltd.	A 104,514
FISH CREEK PROVINCIAL PARK, CALGARY (UTILITIES, AREA 9)	
SEPTEMBER 21, 1983	
Kerna Construction Ltd.	68,000
Barjac Construction Management Ltd.	58,553
Standard General Construction Limited	58,502
Whissell Engineering Ltd.	58,295
Sonmor Excavating Ltd.	A 48,064
TENANT IMPROVEMENTS, ADVANCED EDUCATION, SLAVE LAKE PLAZA, SLAVE LAKE, RE-TENDER	
SEPTEMBER 22, 1983	
Three Rivers Construction Ltd.	149,650
Northern Gold Contractors Ltd.	124,723
T.H. Gust Builders Ltd.	123,200
M.P. Madsen Construction Inc.	119,296
M. Bellerive & Son Const. Ltd.	119,147
E & J DaSilvas Custom Woodwork Ltd.	115,960
Friese Management & Development Ltd.	101,894
CRNC Construction Ltd.	101,346
Canada West Interiors Ltd.	96,936
Apacon Contracting (1981) Ltd.	A 94,779
PROVINCIAL BUILDING, MORINVILLE	
SEPTEMBER 22, 1983	
Draginda Construction Ltd.	3,050,000
Rendek Construction Ltd.	2,977,000
Keller Construction Ltd.	2,971,000
Summit Construction Ltd.	2,948,200
Capton Holdings Ltd.	2,946,242
Binder Construction Limited	2,934,440
Pre-Eng Structures, A Division of Multicorp Investments Ltd.	2,930,108
Chandos Construction Ltd.	2,918,616
Dineen Construction Limited	2,870,000
Stuart Olson Industrial Contractors Ltd.	2,842,859
Alberco Construction Ltd.	2,842,200
Marshall-Lee Construction Ltd.	2,827,690
Pentagon Industries Ltd.	2,808,000
Forest Contract Management Ltd.	A2,798,800
MEDICINE LODGE MINIMUM SECURITY CORRECTIONAL CAMP, EDSON (CAMP RELOCATION)	
SEPTEMBER 22, 1983	
Grasse Contracting Ltd.	391,800
M.P. Madsen Construction Inc.	376,328
Prism Construction Company Ltd.	366,500
Antioch Construction Corp.	349,517
Atcon Developments Ltd.	A 336,675
TENANT IMPROVEMENTS, UPGRADE & EXPANSION COMPUTER SERVICE, BUREAU OF SURVEY & MAPPING, ATRIA I, 50TH STREET PLACE, 4949 - 94B AVENUE, EDMONTON	
SEPTEMBER 22, 1983	
Alps Construction Ltd.	333,955
Industrial Power Installations (Edmonton)	318,985
Vogue Contracting Ltd.	304,300
Consortium Group Limited	275,437
Canada West Interiors Ltd.	255,103
Krawford Construction Ltd.	A 244,974
FORESTRY HEADQUARTERS, ROCKY MOUNTAIN HOUSE, CONVERSION TO MUNICIPAL SEWAGE SYSTEM	
SEPTEMBER 22, 1983	
Nykal Enterprises Ltd.	177,210
Landos Construction Ltd.	176,784
A.K. Construction Ltd.	147,956
Belco Contracting Ltd.	145,147
Richardson Bros. (Olds) Ltd.	141,015
G.S. Holdings Co. Ltd.	134,539
W.C. Thompson	127,594
Adomi Construction Inc.	A 123,375
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #9, METAL ROOF DECK, PROGRAMS AREA	
SEPTEMBER 23, 1983	
Chris-Mac Insulation Ltd.	197,140
Coldform Industries Ltd.	172,584

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
J.K. Campbell & Associates Ltd.	166,957
Aetna Roofing Limited	165,700
A.A.A. Metal Products Ltd.	148,021
Westeel-Rosco Ltd.	A 130,097

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #8, STRUCTURAL STEEL, PROGRAMS AREA
SEPTEMBER 23, 1983

Maloney Steel Ltd.	861,918
Krupp Industries (Canada) Ltd.	847,199
Waiward Steel Fabricators Ltd.	800,000
Central Fabricators Ltd.	768,000
Dominion Bridge - Alberta	765,000
Arrow Steel Industries Ltd.	737,373
Triangle Steel Ltd.	732,000
Great West Steel Industries Ltd.	720,571
Supreme Steel Ltd.	705,780
Acumen Steel Division of Simco Holdings Ltd.	695,962
C.W. Carry (1967) Ltd.	692,000
Empire Iron Works Ltd.	687,540
Edmonton Iron Works, A Division of Davis Wire Industries Ltd.	A 683,000

A.P.M.R.I./TYRRELL MUSEUM OF PALAEONTOLOGY, MIDLAND PROVINCIAL PARK, DRUMHELLER (CONTRACT NO. 4, MUSEUM & SITE WORK)
SEPTEMBER 29, 1983

Cavan Construction Ltd.	16,635,200
Dillingham Construction Ltd.	16,185,500
Ellis-Don Management Services Ltd.	15,796,000
Pan-Western Construction Ltd.	15,772,000
Pre-Eng Structures, A Division of Multicorp Investments Ltd.	15,599,000
Sun Construction Company Limited	15,539,000
Stuart Olson Construction Ltd.	15,424,800
Greene Construction Co. Ltd.	15,400,000
Capton Holdings Ltd.	15,395,989
300472 Alberta Ltd.	15,198,000
Pigott Construction Western Division of Pigott Construction Limited	15,130,000
Lahr Construction Company Ltd.	15,065,000
V.K. Mason Construction Management Inc.	14,998,000
Fidelity-Maxam, A Joint Venture	A14,948,680

NEW A.L.C.B. STORE, EDMONTON SOUTH
SEPTEMBER 29, 1983

Rendek Construction Ltd.	829,200
AKU Construction Ltd.	798,759
B & B Developments Ltd.	789,687
Capton Holdings Ltd.	775,718
Fidelity-Maxam, A Joint Venture	760,912
Contact Construction	745,359
Shannon & Sims Development Ltd.	738,641
Noranda Builders Ltd.	A 722,350

PROVINCIAL BUILDING, LACOMBE, RENOVATIONS TO FORMER A.L.C.B. SPACE
SEPTEMBER 29, 1983

Canada West Interiors Ltd.	196,546
Ellis Construction Limited	184,838
M & M Construction Ltd.	183,640
Shanna Developments Ltd.	181,141
Griffin Construction Ltd.	173,900
Calvert Contracting Ltd.	172,207
M.P. Madsen Construction Inc.	170,244
A. Grieb Construction Co. Ltd.	169,000
Omex Construction Corporation Ltd.	163,380
Shunda Consulting & Construction Management Ltd.	A 160,000

UKRAINIAN CULTURAL HERITAGE VILLAGE, ELK ISLAND PARK VICINITY (FOOTINGS TO EXISTING BUILDINGS) (RUSSO CHURCH GROUP)
SEPTEMBER 29, 1983

Watson Tofield (1973) Ltd.	98,470
Krawford Construction Ltd.	87,985
Elwood Construction Ltd.	85,876
Aljac Construction Ltd.	77,237
Zylla Contractors Ltd.	A 68,418

ALBERTA VOCATIONAL CENTRE, LAC LA BICHE, CONTRACT # 5, SOFT LANDSCAPING
SEPTEMBER 29, 1983

Westgrow Landscaping Ltd.	57,114
Land Tec Landscape Contractors Ltd.	51,588
Wilco Landscape Contractors Ltd.	51,416
Heritage Landscape Construction Ltd.	44,507
Pineview Landscaping Ltd.	A 37,300

SUPPLY & SERVICES SUPPLY CENTRE, EDMONTON (ALARM SYSTEM)
SEPTEMBER 29, 1983

S.W.A.T. Security Systems Ltd.	34,078
Chubb Security Systems	29,927
Horizon Security Systems Ltd.	29,600
Page Security Systems Ltd.	27,741
Telsco Security Systems	25,370
Mandala Security and Energy Electronics Ltd.	A 23,292

PROVINCIAL BUILDING, ATHABASCA, ADDITIONAL PARKING
SEPTEMBER 29, 1983

Whissell-McLeod Ventures Ltd.	172,651
Appleton Construction Ltd.	A 159,651

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #13, CENTRAL & INDUSTRIAL AREAS PILING
SEPTEMBER 30, 1983

Franki Canada Limited	308,201
Western Caissons Limited	299,900
Canada Caisson Company Ltd.	A 230,138

KANANASKIS COUNTRY RECREATION PLAN, MOUNT KIDD RECREATIONAL VEHICLE PARK (PAVING)
OCTOBER 5, 1983

A. Le Duc Developments (1983) Ltd.	695,595
Western Bitulithic Ltd.	669,751
Batra Division of Sintra Inc.	620,225
Carmacks Construction Ltd.	586,650
Volker Stevin Contracting Ltd.	574,290
W.A. Cook & Sons Ltd.	563,696

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Metro Paving Ltd.		554,192
South Rock Ltd.		533,964
Standard General Construction Ltd.	A	515,848

KANANASKIS COUNTRY RECREATION PLAN, REGIONAL UTILITIES (LOWER LAKE CAMPGROUND WATER SUPPLY SYSTEM)
OCTOBER 5, 1983

Kerna Construction Ltd.		143,000
Sonmor Excavating Limited		139,930
Allstar Excavating Ltd.		116,425
Standard General Construction Ltd.		113,720
Keemen Construction Ltd.		111,490
Dwyer Engineering & Construction Ltd.		106,524
Hawk Property Service		94,970
Bachand Enterprises Ltd.		93,964
Whissell Engineering Ltd.		87,468
Volker Stevin Contracting Ltd.		81,585
Gillingham's Plumbing and Heating Ltd.		74,993
City & Country Industries Ltd.		73,530
Al's Plumbing & Gasfitting Ltd.		71,390
Blue-Con Excavating Ltd.		69,000
J.L. Mogensen Contractors Ltd.		64,130
Odyssey Engineering Ltd.	A	59,437

REINSTATEMENT OF SURFACE PARKING LOT WEST OF HIGH LEVEL BRIDGE INTO PARKLAND, EDMONTON
OCTOBER 6, 1983

Cascade Landscasping Ltd.		62,100
Clareview Landscaping Ltd.		42,800
T.Z. Landscape Contractors Ltd.		34,232
Kiwi Landscaping (1983) Ltd.	A	24,668

COAL RESEARCH CENTRE, DEVON, PHASE IV, SITE SERVICES
OCTOBER 6, 1983

Standard General Construction Ltd.		690,550
Everall Construction Limited		667,700
Crown Paving & Engineering, A Division of Canfarge Ltd.		648,426
Carmacks Construction Ltd.		589,114
Wells Construction Ltd.		580,279
Border Paving Ltd.		562,207
Sherwood Park Paving Ltd.	A	555,818

TENANT IMPROVEMENTS, MANPOWER, PARK SQUARE, EDMONTON
OCTOBER 6, 1983

Apacon Contracting (1981) Ltd.		275,698
Pondu Construction & Excavating Ltd.		169,182
Canada West Interiors Ltd.		163,803
H & S Business Enterprises Ltd.		153,429
Friese Management & Development Ltd.		151,298
Krawford Construction Ltd.		149,995
Willow Spring Developments Ltd.		147,900
Rescom Development Group Ltd.		146,292
Alps Construction Ltd.		137,328
Vogue Contracting Ltd.		134,400
Danwood Interiors Ltd.	A	124,896

MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, FUTURE MAINTENANCE & REPAIR DEPOT, ST. PAUL (DISPOSAL OF FRAME BUILDINGS & FRAMES)
OCTOBER 6, 1983

Raylew Enterprises Ltd.		8,455
Eartheater Excavating Limited		6,800
Bell BJ Excavating		6,300
M & M Construction Ltd.		5,050
Ingers Leasing & Holdings Ltd.		3,969
Robertson Construction Ltd.		3,700
Rae-Dawn Construction Ltd.	A	1,900

GOVERNMENT BUILDINGS, VARIOUS, OFFSITE SERVICE CHARGE (ALBERTA HOSPITAL, EDMONTON) (LAND TRANSFER UTILITIES)
OCTOBER 6, 1983

Fort Services & Ditching Ltd.		65,340
Digrock Construction Ltd.		60,300
N.S. Pawliuk & Son Contracting Ltd.		53,596
A.K. Construction Ltd.		51,816
C.V.L. Construction Ltd.	A	44,661

YOUNGSTOWN HOME, YOUNGSTOWN, NEW 80-BED RESIDENTIAL & REHABILITATION CENTRE (SEWAGE LAGOON)
OCTOBER 12, 1983

Prairie Roadbuilders Limited		339,817
Sonmor Excavating Ltd.		318,678
Top Notch Construction Ltd.		305,219
Whissell Engineering Ltd.		258,399
Fair Eye Construction Ltd.		243,927
El-San Industries Ltd.		221,948
Beacon Excavating & Construction Ltd.		221,814
Aldale Construction Ltd.		211,983
Barjac Construction Management Ltd.	A	207,994

LAMBTON PARK, EDMONTON, SITE DEVELOPMENT (GRAVELLING, FISH & WILDLIFE YARD)
OCTOBER 13, 1983

Sherwood Park Paving Ltd.		46,959
Carmacks Construction Ltd.		44,101
Everall Construction Limited		41,903
Master Paving Co. Ltd.		41,797
O'Hanlon Paving Ltd.	A	41,163

MOUNTAINVIEW REGIONAL WATER SYSTEM, ANTHONY HENDAY WATER TREATMENT PLANT (PLANT SERVICE ROAD & TURNING CIRCLE)
OCTOBER 13, 1983

Morningside Asphalt Ltd.		72,045
Border Paving Ltd.		42,764
W.A. Cook & Sons Ltd.	A	30,719

GOVERNMENT BUILDINGS, VARIOUS, OFF-SITE SERVICE CHARGES (FORESTRY HEADQUARTERS, GRANDE PRAIRIE) (STORM SEWER EXTENSION)
OCTOBER 13, 1983

Ridge Valley Trenching Ltd.	BW	86,197
G.P. Trenching Ltd.		140,053
Nykal Enterprises Ltd.	A	89,765

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #14, CENTRAL & INDUSTRIAL AREAS GRADE BEAMS OCTOBER 14, 1983	
Antioch Construction Corp.	359,872
Trend Construction Ltd.	333,934
Fayben Contractors Ltd.	321,000
McLean Young Construction Ltd.	304,860
Capat Contractors Ltd.	A 268,700
A.L.C.B. STORE, HUNTERHORN PLAZA, CALGARY OCTOBER 19, 1983	
Batib Contractors (1975) Ltd.	849,000
John Bell Construction (1975) Ltd.	808,444
Mirtren Contractors Ltd.	801,882
Devitt & Forand Contractors (Calgary) Ltd.	800,741
Capton Holdings Ltd.	774,716
N.Y. Construction Ltd.	772,759
Lear Construction Services Ltd.	764,800
Hornstrom Bros. Construction Ltd.	749,475
Fidelity-Maxam, A Joint Venture	741,917
Pro-Forma Construction Ltd.	733,896
Thor Construction Ltd.	732,900
Touche Ross Limited, Receiver and Manager For Springer Development Corp Ltd.	732,432
Boulder Construction Ltd.	A 723,282
TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, 2ND & 3RD FLOORS, CENTENNIAL MALL, 170 ST. & STONY PLAIN RD., EDMONTON OCTOBER 20, 1983	
Dominion Construction Company Limited	55,932
The Partition Contractors	35,728
AKU Construction Ltd.	35,263
Rescom Development Group Ltd.	29,879
Canada West Interiors Ltd.	A 24,000
ALBERTA RESEARCH COUNCIL, CLOVER BAR, EDMONTON, RENOVATIONS & ALTERATIONS OCTOBER 20, 1983	
M.P. Madsen Construction Incorporated	554,999
MacCalder Construction Group	554,322
Gloge Property Management Ltd.	537,000
Orlando Construction Ltd.	484,900
Atcon Development Ltd.	481,600
Keller Construction Ltd.	479,000
Antioch Construction Corp.	474,841
Krawford Construction Ltd.	471,777
300472 Alberta Ltd. D.B.A.A.V. Carlson Constructors Ltd.	A 467,615
PROVINCIAL BUILDING & COURTHOUSE, EDSON, SITE GRADING OCTOBER 20, 1983	
Mount View Excavators (1981) Ltd.	447,740
Johnson & Herbert Construction Ltd.	432,090
Aljac Construction Ltd.	428,794
Border Paving Ltd.	408,075
J.C. Construction (Hinton)	404,021
North American Road Ltd.	A 400,255
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #18, LIVING UNITS, REMAND CENTRE, PRECAST CONCRETE OCTOBER 26, 1983	
Supercrete, A Division of Canfarge Ltd.	2,965,000
Rocky Mountain Precast (Calgary) Ltd.	2,943,000
Batoni Structures (1979) Ltd.	2,250,000
Genstar Structures Limited	A2,186,800
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #16, ELECTRICAL DISTRIBUTION GEAR OCTOBER 26, 1983	
Federal Pioneer Limited	225,727
BBC Brown Boveri Canada Inc.	212,851
Wesco-Westinghouse Sales & Distribution Company	A 198,180
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #15, EMERGENCY GENERATORS OCTOBER 26, 1983	
Simson-Maxwell	227,660
R. Angus Alberta Limited	160,590
Power Application & Mfg. Co. Ltd.	153,734
Har-way Industrial Enterprises Ltd.	137,914
Waterous GM Diesel Limited	A 137,900
TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, NORDIC COURT, 10014 - 99 STREET, GRANDE PRAIRIE OCTOBER 27, 1983	
Trio Grande Construction Ltd.	232,800
Turner & Sons Construction Ltd.	226,005
K. Shaw & Sons Contracting Ltd.	212,900
HWD Construction Ltd.	A 209,653
UKRAINIAN CULTURAL HERITAGE VILLAGE, ELK ISLAND PARK VICINITY (FOOTINGS TO EXISTING BUILDING) (CATHOLIC CHURCH GROUP) NOVEMBER 3, 1983	
Summit Construction Ltd.	153,300
Zylla Contractors Ltd.	113,660
Watson Tofield (1973) Ltd.	112,655
Elwood Construction Ltd.	112,403
Krawford Construction Ltd.	109,995
Aljac Construction Ltd.	A 99,777
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #20, ADMINISTRATION BUILDING, PILING NOVEMBER 4, 1983	
Western Caissons Limited	68,180
Canada Caisson Company Ltd.	A 66,422
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #21, ADMINISTRATION BUILDING, GRADE BEAMS NOVEMBER 9, 1983	
Trend Construction Ltd.	62,002

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Fayben Contractors Ltd.		58,600
McLean Young Construction Ltd.	A	57,277

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #17, SECURITY LUMINAIRES
NOVEMBER 9, 1983

Nedco Ltd. - Division of Westburne	IB	225,000
Peerless Electric Limited		298,495
Scandinavian Light Co. Edmonton Ltd.	A	229,000

LAW COURTS ADDITION, EDMONTON, PHASE V (h), GENERAL SIGNAGE (RE-TENDER)
NOVEMBER 10, 1983

Ericstad Construction Ltd.		108,300
H & S Business Enterprises Ltd.	A	89,683

LAW COURTS ADDITION, EDMONTON, PHASE V (j), BRONZE SIGNAGE (RE-TENDER)
NOVEMBER 10, 1983

Corcom System Ltd.		25,768
Behrends Bronze Limited		25,721
Gallagher's Manufacturers Agents Ltd.	A	22,234

J.G. O'DONOGHUE BUILDING (AGRICULTURE BUILDING), EDMONTON, MOVABLE SHELVING SYSTEM (RE-TENDER), ALTERNATE B
NOVEMBER 17, 1983

ACME Seeley Incorporated		110,276
Waymarc Industries (Alberta) Ltd.		104,490
Lundia Shelving Systems Ltd. c/o Stockwell & Trapp Sales Ltd.		82,897
Mayfield Storage Systems International Ltd.		82,729
Wilcor Storage Systems Ltd.		80,729
Pacific Warehouse Equipment Ltd.	A	78,800

ENERGY RESOURCES CONSERVATION BOARD BUILDING, CALGARY, RENOVATIONS TO UPGRADE
NOVEMBER 23, 1983

McTavish, McKay & Company Limited		1,500,887
Pro-Forma Construction Ltd.		1,459,760
Pigott Construction Western Division of Pigott Construction Limited		1,458,475
Sun Construction Company Limited		1,458,000
Giamberardino Western Ltd.		1,445,800
Havit Construction Ltd.		1,389,939
A.V. Carlson Constructors Ltd.		1,377,700
Hurst Construction Co. Ltd.		1,368,079
Bird Construction Company Limited		1,362,075
Capton Holdings Ltd.		1,344,849
V.K. Mason Construction		1,328,000
Lear Construction Services Ltd.		1,317,654
Mirtren Contractors Limited		1,312,351
Graham Construction and Engineering Ltd.		1,310,000
Pan-Western Construction Ltd.		1,307,000
Fidelity-Maxam A Joint Venture		1,247,529
Wm. Dyck & Sons Contractors Alta. Ltd.	A	1,246,000

INTERPRETIVE CENTRE, FORT McMURRAY
NOVEMBER 24, 1983

Carmacks Construction Ltd.		6,311,494
V.K. Mason Construction Management Inc.		6,075,000
Bird Construction Company Limited		5,973,313
Camwil Contracting Ltd.		5,904,930
Lahr Construction Company Ltd.		5,867,000
Wm. Dyck & Sons Contractors Alta. Ltd.		5,838,054
HMW Building Systems Ltd.		5,827,910
Fidelity-Maxam, A Joint Venture		5,791,700
Newklas Construction Canada Ltd.		5,767,718
Antioch Construction Corp.		5,736,268
Graham Construction and Engineering Ltd.		5,648,188
Stuart Olson Industrial Contractors Ltd.		5,639,106
Keller Construction Limited		5,623,800
C & I Consultants & Management Services Ltd.		5,596,000
Capton Holdings Ltd.		5,540,952
A.V. Carlson Constructors Ltd.	A	5,409,775

UNIVERSITY FARM AREA - EDMONTON (GARDEN PLOT DEVELOPMENT)
DECEMBER 1, 1983

Kay-Cee Construction Ltd.		72,499
Wilco Landscape Construction Ltd.		68,373
CVL Construction Ltd.		62,108
Kiwi Landscaping (1983) Ltd.		61,558
Land Tec Landscape Contractors Ltd.	A	46,041

ALBERTA VOCATIONAL CENTRE, LAC LA BICHE, CONTRACT #6, CHILD CARE TRAINING CENTRE
DECEMBER 1, 1983

Carmacks Construction Ltd.		1,585,641
Antioch Construction Corp.		1,543,857
Gen-Mec Construction Co. Ltd.		1,539,000
Keller Construction Ltd.		1,505,000
Summit Construction Ltd.		1,498,000
Alberco Construction Ltd.		1,480,285
Conray Construction Co. Ltd.		1,464,515
Vanderspoel Construction Ltd.		1,461,106
Handy Andy Construction Ltd.		1,458,000
Shannon & Sims Development Ltd.		1,448,761
Capton Holdings Ltd.		1,444,536
Binder Construction Limited		1,414,972
Watson Tofield (1973) Ltd.		1,411,315
Omex Construction Corporation Ltd.		1,407,571
Cavan Construction Ltd.		1,400,645
Camwil Contracting Ltd.	A	1,366,130

TENANT IMPROVEMENTS, UTILITIES & TELECOMMUNICATIONS, 6TH FLOOR, HARLEY COURT, 10045 - 111 St., EDMONTON
DECEMBER 1, 1983

Kretschmer Interiors Ltd.		25,316
Willow Spring Developments Ltd.		22,460
Canada West Interiors Ltd		22,221
Drycon Interior Contractors Ltd.		21,550
The Partition Contractors		19,619
Royal Oak Interior Contract		19,542
Val Con Partitions Ltd.		18,855
Alps Construction Ltd	A	16,980

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
TENANT IMPROVEMENTS, ENERGY & NATURAL RESOURCES, FISH AND WILDLIFE, 330 GLENMORE TRAIL S.E., CALGARY		
DECEMBER 7, 1983		
Espo Construction Ltd.		90,230
Labbe-Leech Interiors Ltd.		84,248
Capton Holdings Ltd.		80,925
Integra Contracting Ltd.		71,450
Richfield Business Interiors Ltd.		71,141
Pro-Forma Construction Ltd.		68,960
Alberta Contract Managers Ltd.		64,985
Atco Development Corporation	A	59,217
A.L.C.B. STORE, PINCHER CREEK		
DECEMBER 7, 1983		
D & H Construction Ltd.		750,000
Glen Little Construction Ltd.		566,000
Ward Bros. Construction Ltd.		530,820
Lyal Developments Ltd.		522,000
Lear Construction Services Ltd.		502,880
Frans Feyter Construction Ltd.		502,300
Gillett Construction (Calgary) Ltd.		499,800
Adamix Concrete & Construction Co. Ltd.		495,443
McTavish, McKay & Company Limited		490,470
Hawk Properties Services Ltd.		479,174
Getkate Construction (1976) Ltd.	A	457,782
ALBERTA HORTICULTURAL RESEARCH CENTRE, BROOKS, SITE DEVELOPMENT (INSTALLATION OF EVAPORATIVE COOLING)		
DECEMBER 7, 1983		
Christien Mechanical Ltd.	A	51,300
A.L.C.B. STORE ST. ALBERT		
DECEMBER 8, 1983		
C & I Consultants & Management Services Ltd.		1,005,700
Carmacks Construction Ltd.		747,231
B & B Developments Ltd.		723,700
Keller Construction Limited		708,000
Shannon & Sims Development Ltd.		698,402
Noranda Builders Ltd.		691,800
Capton Holdings Ltd.		689,534
Indigo Construction Limited		689,000
Pacific Construction (1982) Ltd.		686,436
Rendek Construction Ltd.		686,392
Trend Construction Ltd.		685,624
Fidelity-Maxam A Joint Venture		681,892
M.P. Madsen Construction Inc.		681,871
McLean Young Construction Ltd.		681,672
Vanderspoel Construction Ltd.		681,623
Antioch Construction Corp.		668,618
Chandos Construction Ltd.		663,900
Draginda Construction Ltd.		662,000
Alldritt Homes A Division of Alldritt Development Limited		657,900
Prevale Construction (79) Ltd.		656,000
Alberco Construction Ltd.		655,480
Conray Construction Co. Ltd.	A	647,198
MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, DISPOSAL OF RESIDENCE & BARN, PROVINCIAL POULTRY PLANT & DAIRY BARN, OLIVER		
DECEMBER 8, 1983		
Caprice Investments Ltd.		62,425
Shannon & Sims Development Ltd.		57,431
Golden Crest Construction Ltd.		51,500
Land Tec Landscape Contractors Ltd.		37,548
Rae-Dawn Construction Ltd.		29,889
Antioch Construction Corp.		27,740
Arrow Demolition International Inc.		24,640
Sprague-Rosser Contracting Co. Ltd.		23,400
M & M Construction Ltd.		20,078
Bell B.J. Excavating		18,400
McColman & Sons Demolition Ltd.	A	11,994
OFFICE BUILDING, CALGARY, RENOVATIONS TO MCDOUGALL SCHOOL, LANDSCAPING, PHASE 1		
DECEMBER 14, 1983		
Dwyer Engineering & Construction Ltd.		1,233,000
Trident Construction Limited		1,215,200
Foothills Landscaping Limited		1,107,189
W.A. Stephenson Construction (Western) Ltd.		1,087,000
Avenue Structures Limited		1,057,000
Pan-Western Industries		1,051,000
Conmac Western Industries		1,014,450
Bird Construction Company Limited		891,774
Ellis-Don Management Services Ltd.	A	837,000
TENANT IMPROVEMENTS, ENERGY & NATURAL RESOURCES, SOLICITOR GENERAL, HILTON PLAZA, 209 - 3RD ST. STRATHMORE		
DECEMBER 14, 1983		
N.Y. Construction Ltd.		31,483
Labbe-Leache Interiors Ltd.		31,469
Wingenback Enterprises Ltd.		31,088
Alberta Contract Management Ltd.		27,687
V.K. Mason Construction Management Inc.		26,500
L.T. Interior & Drywall Ltd.	A	22,900
COURTHOUSE, MEDICINE HAT		
DECEMBER 14, 1984		
W.A. Stephenson Construction (Western) Ltd.		12,674,000
Graham Construction and Engineering Ltd.		11,359,144
Sun Construction Company Limited		11,200,000
303388 Alberta Ltd.		11,146,600
V.K. Mason Construction Management Inc.		11,078,700
Stuart Olson Industrial Contractors Ltd.		11,009,840
Capton Holdings Ltd.		10,979,447
Medican Construction Ltd.		10,933,520
Pigott Construction Western Division of Pigott Construction Limited		10,928,873
Fidelity-Maxam A Joint Venture		10,838,486
Lahr Construction Company Ltd.		10,791,000
Pan-Western Construction Ltd.		10,728,000
Gramar Construction (A Division of 304857 Alberta Limited)		10,687,000
Ellis-Don Management Ltd.		10,647,000
A.V. Carlson Constructors Ltd.	A	10,598,800

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #24, CENTRAL AREA, INTERIOR & EXTERIOR MASONRY	
DECEMBER 14, 1983	
Pockar Brothers Masonry (Northern) Limited	1,677,329
Bastian Masonry (1982) Limited	1,625,148
National Marble & Tile Limited	1,567,200
K. Hanson Masonry Limited	1,481,090
Hagblom Construction (1974) Limited	1,474,000
Brikon Masonry & Formwork Inc.	A1,419,400
WILDLIFE CENTRE, BROOKS, UTILITIES (UPGRADING SERVICES, PAVING & DISPLAY BUILDING)	
DECEMBER 14, 1983	
W.A. Cook and Sons Limited	353,984
Adomi Construction Incorporated	335,597
Standard General Construction Ltd.	329,548
A. Le Duc Developments Limited	309,248
Gleed Plumbing and Mechanical Services Ltd.	292,930
South Rock Limited	278,483
Wahl Builders Limited	278,398
Porter Tanner Associates Incorporated	275,420
Volker Stevin Contracting Ltd.	268,187
Brooks Asphalt and Aggregate Limited	A 237,279
ALBERTA HORTICULTURAL RESEARCH CENTRE, BROOKS, RESEARCH PLOT DEVELOPMENT (MCLEOD FARM, TILE DRAINAGE)	
DECEMBER 14, 1983	
Prairie Ditching Ltd.	121,974
C.W. Farmland Reclaimation	119,252
Alta-Agri Drain	A 69,026
ALBERTA ENVIRONMENTAL CENTRE, VEGREVILLE, INHALATION TOXICOLOGY WING & E-WING EMERGENCY GENERATOR	
DECEMBER 15, 1983	
The Consortium Group Ltd.	2,110,168
Draginda Construction Ltd.	2,034,000
Dineen Construction Ltd.	1,936,350
Marshall-Lee Construction Ltd.	1,911,490
Watson Tofield (1973) Ltd.	1,904,000
Keller Construction Ltd.	1,863,400
Vanderspoel Construction Ltd.	1,855,171
Capton Holding Ltd.	1,854,586
Krawford Constructign Ltd.	1,839,990
Conray Construction Ltd.	1,839,000
Binder Construction Ltd.	A1,819,705
YOUTH ASSESSMENT CENTRE, HIGH PRAIRIE, REPAIRS FOR SLAB SETTLEMENT, CONTRACT I	
DECEMBER 15, 1983	
D.G. Basarab Construction Limited	85,000
Dan's Construction (1977) Limited	58,507
Lavergne Construction Limited	42,814
K. Shaw & Sons Contracting Limited	37,600
L.A. Nason Contracting Limited	A 34,675
YOUTH ASSESSMENT CENTRE, HIGH PRAIRIE, REPAIRS FOR SLAB SETTLEMENT, CONTRACT II	
DECEMBER 15, 1983	
Intrusion-Prepakt Limited	133,748
The Cementation Company (Canada) Limited	119,600
Canada Gunite Limited	105,787
CCD Engineering Limited	101,799
Superior Grout and Gunite (Western) Ltd.	A 90,780
TENANT IMPROVEMENTS, MUNICIPAL AFFAIRS, FLOORS MAIN THROUGH TWELVE, JARVIS BUILDING, 9925 - 107 STREET, EDMONTON	
DECEMBER 15, 1983	
Commercial Electric Co. Ltd.	158,090
Antioch Construction Corp.	155,233
Ericstad Construction Ltd.	152,800
Val Con Partitions Ltd.	146,769
Contra Project Management Ltd.	138,000
Willow Spring Developments Ltd.	137,780
Canada West Interiors Ltd.	134,900
Vogue Contracting Ltd.	131,120
Belwood Developments Ltd.	129,800
Apacon Contracting (1981) Ltd.	124,491
Intex Construction Corporation	A 121,355
A.L.C.B. STORE, SPRUCE GROVE	
DECEMBER 15, 1983	
G.C.L. Contracting Limited	974,800
Orlando Construction Ltd.	898,700
Shannon & Sims Development Ltd.	891,096
Noranda Builders Ltd.	855,200
Vanderspoel Construction Ltd.	829,125
Intex Construction Corporation	789,734
Antioch Construction Corp.	776,147
Indigo Construction Ltd.	744,500
Alberco Construction Ltd.	A 739,006
TENANT IMPROVEMENTS - SOCIAL SERVICES & COMMUNITY HEALTH, FLOORS MAIN AND FOUR, TEXACO BUILDING, 10103 - 112 STREET, EDMONTON	
DECEMBER 15, 1983	
Apacon Contracting (1981) Ltd.	87,331
Ericstad Construction Ltd.	68,800
E & J Dasilvas Custom Woodwork Ltd.	65,244
Artek Contracting Ltd.	60,576
Intex Construction Corporation	60,543
Friese Management & Development Ltd.	57,537
Alps Construction Ltd.	52,490
Vogue Construction Ltd.	51,800
Contra Project Management	50,477
Delnor Construction Ltd.	A 48,513
PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #22, MECHANICAL CONTRACT	
DECEMBER 16, 1983	
Comstock International Ltd.	7,483,139
Master Mechanical Plumbing & Heating Ltd.	7,287,000
Gloge Property Management Ltd.	7,060,000
Williams Plumbing & Heating Co. Ltd.	6,913,000
S.E. Johnson Ltd.	6,849,500

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
Danbrook & Pelland Plbg.& Htg. (1969) Ltd.	6,804,000
Newland Contracting (North) Ltd.	6,518,160
Lockerbie and Hole Company Limited	6,484,000
Strathcona Mechanical Inc.	A6,218,000

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #23, ELECTRICAL CONTRACT
DECEMBER 16, 1983

Midwest Electrical Group Incorporated	BW4,998,000
Edmonton Electric (#2) Ltd.	6,794,000
Commonwealth Construction Company	6,489,734
Comstock International Ltd.	5,733,160
Can-Am Electric Ltd.	5,642,465
Newland Contracting (North) Ltd.	A5,345,000

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #30, INDUSTRIAL AREA, INTERIOR & EXTERIOR MASONRY
DECEMBER 21, 1983

Thibeault Masonry Ltd.	557,670
Hagblom Construction (1974) Ltd.	523,740
National Marble & Tile Ltd.	493,203
Bectar Corporation	477,820
K. Hansen Masonry Ltd.	461,000
Bastian Masonry (1972) Ltd.	455,447
Pockar Brothers Masonry (Northern) Limited	A 450,000

RENFREW RECOVERY CENTRE, RENOVATIONS, CALGARY
DECEMBER 21, 1983

Introm Industries Western Limited	46,783
Mirtren Contractors Limited	31,218
Hurst Construction Co. Ltd.	A 27,990

TENANT IMPROVEMENTS, 2 & 3 FLOORS, ALBERTA AGRICULTURE BUILDING, 7000 - 113 STREET, EDMONTON
DECEMBER 22, 1983

Willowridge Holdings Ltd.	71,053
Krawford Construction Ltd.	59,990
PCL Construction Ltd.	55,857
Rescom Development Group Ltd.	46,704
Canada West Interiors Ltd.	45,500
Val Con Partitions Ltd.	A 40,330

MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, MICHENER CENTRE, RED DEER (DISPOSAL OF SEVEN BUILDINGS)
DECEMBER 22, 1983

Braunfel Engineering & Construction Limited and Bob Dick Trucking Limited	280,000
Bonanza Movers Limited	247,229
Howell's Excavating Limited	241,450
Fair Eye Construction Limited	137,500
Border Paving Ltd.	136,550
Rae-Dawn Construction Limited	122,900
Canrich Industrial Services Limited	122,727
J.T. Setters and Sons Construction Limited	102,170
Harico Contracting Limited	99,358
Bettenson's Sand & Gravel Co. Limited	69,615
Northside Construction Limited	63,000
Bell B.J. Excavating	47,000
Arrow Demolition International Inc.	A 44,524

SUPPLY & SERVICES MAINTENANCE FACILITY PILOT PLANT, CLOVER BAR, EDMONTON
DECEMBER 22, 1983

Power-Con Construction Limited	213,616
MacCalder Construction Group	209,000
Capton Holdings Ltd.	190,963
Shannon & Sims Development Ltd.	184,431
Alberco Construction Ltd.	183,380
Prevale Construction (79) Ltd.	183,000
Chandos Construction Ltd.	A 174,300

CYPRESS HILLS PROVINCIAL PARK, EAST END DAY USE BUILDINGS, COMBINATION DOUBLE TOILET, GROUP USE SHELTER
JANUARY 4, 1984

Wesbridge Construction Ltd.	166,000
R.W.K. Construction Co. Ltd.	143,409
D & H Construction Ltd.	136,600
Wahl Builders Ltd.	123,775
Gil Hansen & Co.	123,537
Bela Vista Homes Construction Ltd.	123,367
Cummins Developments Ltd.	123,156
Forest City Developments	110,420
Antler Construction Limited	109,000
Paxton Holdings Ltd.	A 93,632

CYPRESS HILLS PROVINCIAL PARK, RENOVATIONS TO VISITORS INTERPRETIVE CENTRE COMPLEX
JANUARY 4, 1984

Wesbridge Construction Ltd.	133,000
Bela Vista Homes Construction Ltd.	97,987
Gil Hansen & Co.	92,890
D & H Construction Ltd.	91,612
Forest City Developments	90,700
Cummins Developments Ltd.	83,911
Wahl Builders Ltd.	A 78,475

RENOVATIONS, EDUCATION AND ADVANCED EDUCATION, DEVONIAN BUILDING, 11160 JASPER AVENUE, EDMONTON
JANUARY 5, 1984

Roymar Contracting Ltd.	80,000
Stylex Interiors Ltd.	68,200
AKU Construction Ltd.	65,628
Inpro Interior Project Management	64,813
Canada West Interiors Ltd.	61,500
Delnor Construction Ltd.	59,890
Vogue Contracting Ltd.	A 57,492

COURTHOUSE, HINTON, ADDITION & RENOVATIONS TO EXISTING FACILITY
JANUARY 5, 1984

Orlando Construction Ltd.	384,700
Braunfel Engineering & Construction Ltd.	377,100

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Chandos Construction Limited		367,900
Watson Tofield (1973) Limited		359,326
Conray Construction Company Limited		357,792
Binder Construction Ltd.		356,540
Antioch Construction Corp.		349,400
Shannon & Sims Development Limited		338,255
Ericstad Construction Ltd.	A	331,800

MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, YOUTH ASSESSMENT CENTRE, FORT McMURRAY (DISPOSAL OF ABANDONED CHICKEN BARN)
JANUARY 12, 1984

Clarke Technological Services Limited		18,000
Rae-Dawn Construction Ltd.		14,900
Raylew Enterprises Limited		14,500
Rellim Construction Limited		13,700
Hauber Contracting Limited		11,304
H. Wilson Industries Limited		5,400
272047 Alberta Limited		4,848
Arrow Demolition International Inc.	A	3,820

TENANT IMPROVEMENTS, ATTORNEY GENERAL, 5TH FLOOR, CENTURY PLACE, 9803 - 102 AVENUE, EDMONTON
JANUARY 12, 1984

Apacon Contracting (1981) Ltd.		78,221
Belwood Developments Ltd.		71,737
A.V. Carlson Constructors Ltd.		69,396
Artek Contracting Ltd.		69,080
B & B Developments Ltd.		68,231
Hearn Stratton Construction Ltd.		67,500
Ericstad Construction Ltd.		59,750
Vogue Contracting Ltd.		59,600
Canada West Interiors Ltd.		57,467
Royal Oak Interior Contracting		52,835
Alps Construction Ltd.		52,593
Indigo Construction Ltd.	A	52,475

TRANSPORTATION DEPOT, WETASKIWIN
JANUARY 12, 1984

A.J.H. Construction Management Ltd.		747,228
Braunfel Engineering & Construction Ltd.		743,200
C. Burrows Construction Ltd.		737,234
Wolski Building Contractors Ltd.		736,309
Shannon & Sims Development Ltd.		698,963
Watson Tofield (1973) Ltd.		694,458
A. Hansen & Sons Construction Ltd.		689,000
Omex Construction Corporation Ltd.		676,726
Conray Construction Co. Ltd.		666,000
Draginda Construction Ltd.		660,400
Chandos Construction Ltd.		656,900
Ren-Dex Construction Ltd.		656,030
Falk Bros. Industries Limited		656,000
Keller Construction Ltd.		634,597
Trend Construction Ltd.	A	632,580

MISCELLANEOUS DEMOLITION PROJECTS, VARIOUS, DISPOSAL OF EMERGENCY MEASURES BUILDING, DRAYTON VALLEY
JANUARY 12, 1984

Chet's Bobcat Services		10,500
Raylew Enterprises Ltd.		9,680
V.J. Disposals (1983) Ltd.		4,950
Rae-Dawn Construction Ltd.		4,900
Parkway Enterprises		4,900
Able Builders & Consultants		4,884
Hauber Contracting Limited		4,730
M.J. Kichton Contracting Co. Ltd.		2,950
Visco Rentals & Contractors Ltd.		2,785
Arrow Demolition International Inc.	A	2,310

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #50, OVERHEAD DOORS
JANUARY 13, 1984

Creative Door Services Ltd.		164,745
Sims Garage Door Co. (1977) Ltd.		159,286
Steel-Craft Door Products Ltd.		139,875
Barcol Door Ltd.	A	137,900

GOVERNMENT BUILDING, GRANDE PRAIRIE, VARIOUS OFF-SITE SEWER CHARGES, FORESTRY HEADQUARTERS, GRANDE PRAIRIE, STORM SEWER EXTENSION (RE-TENDER)
JANUARY 19, 1984

A & G Enterprises Ltd.		292,382
G.P. Trenching Ltd.		140,674
Estabrook Construction Ltd.	A	127,317

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #48, ALL AREAS, SECURITY WINDOWS (RE-TENDER)
JANUARY 20, 1984

Oxford Machine & Welding Ltd.	BW	52,840
SDI Steel Door Industries Ltd.		137,094
Canadian Fenestrations Limited	A	98,000

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #36, CENTRAL & INDUSTRIAL AREAS, SLABS ON GRADE
JANUARY 25, 1984

Antioch Construction Corp.		360,659
Milcorp Construction Services Ltd.		334,106
Trend Construction Ltd.	A	301,024

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #76, SECURITY SLIDING DOORS
JANURARY 25, 1984

Sims Garage Door Co. (1977) Ltd.		344,809
H. Weizel and Associates Ltd.		248,136
Steel-Craft Door Products Ltd.	A	223,647

PROVINCIAL BUILDING, ST. ALBERT
JANUARY 26, 1984

Prevale Construction (79) Ltd.		5,349,200
Carmacks Construction Ltd.		5,272,327
Wm. Dyck & Sons Contractors Alta. Ltd.		5,236,000
Dineen Construction Limited		5,159,000
V.K. Mason Construction Mgmt. Inc.		5,156,000
Pan-Western Construction Ltd.		5,098,000
C & I Consultants & Mgmt. Serv. Ltd.		5,014,723
Fidelity-Maxam A Joint Venture		4,994,000
Graham Construction and Engineering Ltd.		4,965,000
Krawford Construction Ltd.		4,919,390

CONTRACTS TENDERED FOR AND TENDERERS	AMOUNT BID
Pentagon Industries Ltd.	4,812,600
Alberco Construction Ltd.	4,799,800
Stuart Olson Industrial Contractors Ltd.	4,778,946
A.V. Carlson Constructors Ltd.	4,749,000
Ellis-Don Management Services Ltd.	4,739,127
Omsac Developments Services Ltd.	A4,676,729

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #59, ELEVATOR
JANUARY 27, 1984

Otis Elevator Company Limited	86,899
Montgomery Elevator Co. Ltd.	69,978
Armor Elevator Alberta A Division of Bate Industrial Services	A 65,568

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #47, ALUMINUM WINDOW/GLASS & GLAZING
FEBRUARY 3, 1984

Alberta Glass Ltd.	1,596,600
Border Glass & Aluminum Ltd.	965,488
Ford Glass Limited	926,187
PPG Industries Canada Ltd.	A 877,000

ALBERTA OPPORTUNITY CORPS, FORT VERMILION, TENANT IMPROVEMENTS
FEBRUARY 9, 1984

Peace Valley Enterprises Ltd.	337,741
Varnerin Construction Ltd.	337,539
Northern Services (High Level) (1978) Ltd.	335,940
T.H. Gust Builders Ltd.	313,000
A & S Steel Building Systems Ltd.	308,463
Schendel Plumbing & Heating Ltd.	303,760
AKU Construction Ltd.	296,372
Lancet Investments Ltd.	291,047
Lavergne Construction Ltd.	288,368
HWD Construction Ltd.	281,532
Vangerspoel Construction Ltd.	276,784
L.A. Nason Contracting Ltd.	273,753
Tollfam Contractors Ltd.	A 269,900

TENANT IMPROVEMENTS, TRANSPORTATION, GRAND TRUNK SHOPPING CENTRE, RAILWAY AVENUE & 51 STREET, EDSON
FEBRUARY 9, 1984

T.K.N. Construction Ltd.	43,255
Prism Construction Company Ltd.	42,650
Wilcon Developments Ltd.	39,925
Yellowhead Hammer Works Ltd.	39,150
Val Con Partitions Ltd.	37,713
Delnor Construction Ltd.	A 34,868

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #32, LIVING UNITS, INTERIOR & EXTERIOR MASONRY
FEBRUARY 10, 1984

Bectar Corporation	805,000
Thibeault Masonry Ltd.	796,788
Baron Contracting Div. of Baron Equipment Rentals Ltd.	696,123
Pockar Brothers Masonry (Northern) Ltd.	659,000
National Marble & Tile Ltd.	638,400
K. Hansen Masonry Ltd.	619,100
Hagblom Construction (1974) Ltd.	A 571,240

CYPRESS HILLS PROVINCIAL PARK, ELKWATER, EAST END DAY USE BUILDING (SMALL BOAT/ BICYCLE RENTAL BUILDING)
FEBRUARY 15, 1984

Alpha Better Landscaping Ltd.	53,000
D & H Construction Ltd.	37,000
Wahl Builders Ltd.	35,450
Viggo Hansen Construction Co. Ltd.	34,718
Bela Vista Homes Construction Ltd.	34,567
Cummins Developments Ltd.	A 28,840

SINGLE MEN'S HOSTEL, EDMONTON, EMERGENCY RENOVATIONS
FEBRUARY 16, 1984

Bur-Wood Construction Ltd.	169,226
Winncor Contractors Ltd.	130,919
Chalupa Construction Ltd.	130,200
Danwood Interiors Ltd.	123,441
Heron Construction Ltd.	118,438
Canada West Interiors Ltd.	116,832
Pentagon Industries Ltd.	115,657
Rescom Developments Group Ltd.	114,386
Menai Developments Ltd.	113,000
Spar Reconstruction	110,968
Eristad Construction Ltd.	109,600
H & S Business Enterprises Ltd.	108,811
Southridge Construction Ltd.	107,677
Apacon Contracting (1981) Ltd.	105,000
Earl Tchida Construction Ltd.	103,524
GCL Contracting Ltd.	102,780
Alps Construction Ltd.	102,644
Delnor Construction Ltd.	A 102,584

PROVINCIAL TREE NURSERY, OLIVER, MAINTENANCE SHOP (WELDING EXHAUST & VENTILATION)
FEBRUARY 16, 1984

M.P. Madsen Construction Inc.	52,865
Saval Developments Ltd.	34,995
Keller Construction Ltd.	A 29,468

TENANT IMPROVEMENTS, ENERGY & NATURAL RESOURCES, FISH AND WILDLIFE, RIVERDALE MALL, PEACE RIVER
FEBRUARY 16, 1984

Russ Ball Construction Ltd.	29,845
T.H. Gust Builders Ltd.	29,800
L.A. Nason Contracting Ltd.	27,741
Lavergne Construction Ltd.	A 26,886

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #25, ADMINISTRATION BUILDING, STRUCTURAL STEEL (RE-TENDER)
FEBRUARY 17, 1984

Dominion Bridge, A Unit of AMCA International Limited	135,000
Central Fabricators Ltd.	114,600
Acumen Steel	105,598

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
Empire Iron Works Ltd.		104,020
Sanmag Industrial Enterprises Ltd.		103,000
Edmonton Iron Works, A Division of Davis Wire Industries Ltd.		102,000
Waiward Steel Fabricators Ltd.		98,875
C.W. Carry (1967) Ltd.		95,425
Supreme Steel Ltd.	A	95,310

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #26, ADMINISTRATION BUILDING, METAL ROOF DECK (RE-TENDER)
FEBRUARY 17, 1984

Waiward Steel Fabricators Ltd.		24,860
Westeel - A Division of Jannock Ltd.		19,580
AAA Metal Products Ltd.	A	18,944

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #31, REMAND CENTRE, INTERIOR & EXTERIOR MASONRY
FEBRUARY 17, 1984

National Marble & Tile Ltd.	IB	565,500
Baron Contracting Division of Baron Equipment Rentals Ltd.		742,396
Hagblom Construction (1974) Ltd.		648,200
Thibeault Masonry Ltd.		636,514
Pockar Bros. Masonry (Northern) Ltd.		630,000
K. Hansen Masonry Ltd.	A	538,211

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #79, LAUNDRY EQUIPMENT
FEBRUARY 17, 1984

Tessler Brothers (Alberta) Division of 225397 Alberta Ltd.		181,828
Northland Equipment Sales & Service Ltd.		144,500
HB Laundry Technology Ltd.	A	116,216

ALBERTA BROOD TROUT FARM, ALLISON CREEK, CONTRACT #10, GROUNDWATER & RECIRCULATION SYSTEMS
FEBRUARY 22, 1984

Can West Construction (1978) Ltd.		73,300
Barjac Construction Ltd.		71,500
L. J. Mechanical		66,710
Trotter & Morten Ltd.	A	57,049

ERIC CORMACK CENTRE, EDMONTON (PREPARATION FOR COMPUTER GRAPHICS)
FEBRUARY 23, 1984

L.J.M. Contracting Ltd.		336,778
AKU Construction Ltd.		319,173
Lancet Investments Ltd.		305,660
Rescom Development Group Ltd.		299,639
Intex Construction Corporation		299,420
Southridge Construction Ltd.		296,899
Apacon Contracting 1981 Ltd.		294,985
Menai Developments Ltd.		289,600
Ericstad Construction Ltd.		287,775
GCL Contracting Ltd.		287,160
Pentagon Industries Ltd.	A	286,487

PROVINICAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #77, FIRE PROOFING
FEBRUARY 24, 1984

Alexander Insulations Ltd.		39,669
Donalco Inc.		30,695
Romoda Ltd.		29,700
Karavan Industries Co. Ltd.	A	26,950

PROVINICAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #34, BUILT-UP ROOFING
FEBRUARY 29, 1984

Christensen & McLean Roofing (Western) Ltd.		891,732
Edwards-Christensen Roofing (1983) Ltd.		821,761
Bond-A-Ply Roofing Ltd.		818,300
Standard Roofing Corporation		736,215
Freeze Maxwell (A Division of Fremax Holdings Ltd.)	A	727,600

PROVINCIAL TREE NURSERY, OLIVER, GREENHOUSE YARD (GREENHOUSE SUPERSTRUCTURE)
MARCH 1, 1984

A & S Steel Building Systems Ltd.		203,463
GCL Contracting Ltd.		183,980
Keller Construction Ltd.		178,141
R.W.K. Construction Co. Ltd.		172,900
Pentagon Industries Ltd.	A	164,379

LEGISLATURE ANNEX, EDMONTON, MECHANICAL SYSTEM UPGRADING & PEDESTRIAN ACCESS TO FIRST BASEMENT LEVEL
MARCH 1, 1984

Gleed Plumbing & Mechanical Services Ltd.		92,500
Rescom Development Group Ltd.		79,624
GCL Contracting Ltd.		78,889
Menai Developments Ltd.		78,700
Apacon Contracting (1981) Ltd.		77,498
Ericstad Construction Ltd.		77,400
R.W.K. Construction Co. Ltd.	A	74,980

MINOR ALTERATIONS & RENOVATIONS, ALBERTA RESEARCH COUNCIL, CLOVER BAR, EDMONTON
MARCH 1, 1984

Krawford Construction Ltd.	IB	50,666
A.V. Carlson Constructors Ltd.		56,972
Earl Tchida Construction Ltd.		55,909
Danwood Interiors Ltd.		54,663
Apacon Contracting (1981) Ltd.		53,955
Chandos Construction Ltd.		52,485
Southridge Construction Ltd.		51,779
Ericstad Construction Ltd.		49,890
GCL Contracting Ltd.		49,842
R.W.K. Construction Co. Ltd.	A	48,860

TREASURY BRANCH, CHINOOK, EXPANSION & RENOVATIONS
MARCH 7, 1984

Bird Construction Company Limited		124,285
Ken Ric Industries & Supply Ltd.		121,928
Bayker Construction Ltd.		116,040

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
N.Y. Construction Ltd.		103,741
Newklas Construction Canada Ltd.		102,724
Mistik Construction Ltd.	A	102,598

SOUTHERN ALBERTA JUBILEE AUDITORIUM, CALGARY, FUNCTIONAL UPGRADING & REFURBISHING (PARKING)
MARCH 7, 1984

Dwyer Engineering & Construction Ltd.		50,175
Big Island Construction Ltd.		50,053
Sonmor Excavating Ltd.	A	43,715

TENANT IMPROVEMENTS, TREASURY DEPARTMENT AND PUBLIC WORKS, SUPPLY & SERVICES, TERRACE BUILDING, 9515 - 107 STREET, EDMONTON
MARCH 8, 1984

Dineen Construction Limited		483,906
Conray Construction Co. Ltd.		463,735
Bird Construction Company Limited		434,704
H & S Business Enterprises Ltd.		425,998
Krawford Construction Ltd.		422,980
Summit Construction Ltd.		396,882
GCL Contracting Ltd.		394,180
A.V. Carlson Contructors Ltd.		390,999
Canada West Interiors Ltd.		378,380
Rescom Development Group Ltd.		377,913
Southridge Construction Ltd.		370,424
Apacon Contracting (1981) Ltd.	A	341,903

NORTHERN ALBERTA FISH HATCHERY, CONTRACT #2A, COLD LAKE, SUPPLY OF EARLY REARING TROUGHS, HATCHING TROUGHS AND BOXES
MARCH 8, 1984

Aquafarms Canada Ltd.	A	133,800

NORTHERN ALBERTA FISH HATCHERY, COLD LAKE, CONTRACT #2B, SUPPLY OF ULTRA-VIOLET DISINFECTION UNITS
MARCH 8, 1984

Aquafine Corporation		50,000
Petwa Canada Ltd.		41,640
Trojan Technologies Inc.	A	37,060

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #27, SLOPED ROOF STRUCTURES
MARCH 9, 1984

Clark Bowler Construction		2,348,800
Camwil Contracting Ltd.		2,058,079
J.K. Campbell & Associates Limited		1,887,000
Altarctic Engineering & Construction Ltd.		A1,839,069

TENANT IMPROVEMENTS, SOCIAL SERVICES & COMMUNITY HEALTH, ALBERTA PLACE, 4, 5, & 6TH FLOORS, 1520 - 4 STREET S.E., CALGARY
MARCH 14, 1984

Atco Development Corporation		201,031
Tony Steinmann Contracting Ltd.		197,229
Artek Contracting Ltd.		195,000
N.Y. Construction Ltd.		193,905
Integra Construction Services Ltd.		189,900
Lear Construction Services Ltd.		189,800
Trexon Construction Ltd.		181,041
L.T. Interior & Drywall Ltd.	A	176,280

PROVINCIAL CORRECTIONAL CENTRE, GRANDE CACHE, CONTRACT #73, KITCHEN EQUIPMENT
MARCH 14, 1984

McKinley & Taylor Ltd.		569,400
Terminal Sheet Metal, Division of ABC Cassidy Co.		556,181
Condon Barr Food Equipment Ltd.		530,653
Reggin Industries Ltd.	A	520,895

TENANT IMPROVEMENTS, PUBLIC AFFAIRS BUREAU, 11428 - 168 STREET, EDMONTON
MARCH 15, 1984

Bird Construction Company Limited		39,283
Val Con Partitions Ltd.		33,336
The Consortium Limited		32,323
Hofstede Homes Ltd.		31,495
Ericstad Construction Ltd.		30,400
Stylex Interiors Ltd.	A	26,995

MICHENER CENTRE, RED DEER, ELECTRICAL SYSTEM UPGRADING
MARCH 15, 1984

Fort Services and Ditching Ltd.		652,345
Commonwealth Construction Co. Ltd.		607,000
Sommer Bros. Contractors Ltd.		568,513
Mosberry, A Division of 298884 Alberta Ltd.		544,996
Barjac Construction Management Ltd.		540,000
Industrial Power Installations (Calgary) Ltd.		527,075
A. Grieb Construction Co. Ltd.		513,882
Hearn Stratton Construction Ltd.		505,000
Timcon Construction Ltd.	A	494,800

ALBERTA HORTICULTURE RESEARCH CENTRE, BROOKS, RENOVATIONS TO EXISTING FACILITIES & STORAGE SHED (PONDEROSA FARM STORAGE BUILDING)
MARCH 21, 1984

S & L Steel Service Ltd.		40,381
Bigfoot Metal Systems Ltd.	A	36,258

POUNDMAKER LODGE & NECHI TRAINING SCHOOL, ST. ALBERT, LANDSCAPE DEVELOPMENT
MARCH 22, 1984

Wilco Landscape Contractors Ltd.	IB	59,787
Claude's Landscaping & Snow Removal Ltd.	IB	49,876
Bill Danyluk's Lawn & Garden Serv. Ltd.		97,748
Lothlorien Landscaping Ltd.		79,830
J.R. Landscaping Ltd.		79,471
Ace-Arrow Environmental Contractors Ltd.		77,298
Riverside Sod & Nursery Ltd.		74,745
Longjohn's Landscaping Ltd.		70,403
Noralta Landscape Ltd.		67,379
Michele's Landscaping Ltd.		65,002
Clareview Landscaping Ltd.		64,132
Cedar Crest Lands Limited		63,843

CONTRACTS TENDERED FOR AND TENDERERS		AMOUNT BID
George's Developments Limited		62,061
Kiwi Landscaping (1983) Ltd.		60,000
Lear Construction Services Ltd.		58,956
Canterra Landscape Ltd.		58,645
Instant Shade Nurseries Ltd.		57,701
Pereira & Moniz Landscape Contractors Ltd.		56,416
Land Tec Landscape Contactors Ltd.		55,711
Economy Landscape Contractors Ltd.		53,781
Pineview Landscaping Ltd.		53,160
Greenlife Landscaping Ltd.		51,510
St. Albert Landscaping Ltd.		49,520
Ron's Landscaping Ltd.	A	46,902

KANANASKIS COUNTRY RECREATION PLAN, FORTRESS JUNCTION SERVICE CENTRE (PAVING)
MARCH 28, 1984

Carmacks Construction Ltd.		84,200
A. Le Duc Developments (1983) Ltd.		75,413
Ace Asphalt & Maintenance Ltd.		69,730
South Rock Ltd.		57,300
Border Paving Ltd.		55,520
Conmac Western Industries		54,996
All-Alta Paving Ltd.		51,875
Standard General Construction Limited		50,923
Metro Paving Ltd.		48,695
Volker Stevin Contracting Ltd.	A	46,430

KANANASKIS COUNTRY RECREATION PLAN, BICYCLE TRAILS, PHASE III (PAVING)
MARCH 28, 1984

Ace Asphalt & Maintenance Ltd.		1,023,598
Carmacks Construction Ltd.		423,100
A. Le Duc Developments (1983) Ltd.		294,654
Conmac Western Industries		276,087
South Rock Ltd.		273,712
Standard General Construction Limited		222,293
Border Paving Ltd.		221,440
All-Alta Paving Ltd.		217,000
Volker Stevin Contracting Ltd.		205,359
Metro Paving Ltd.	A	199,777

FISH & WILDLIFE DISTRICT WAREHOUSE, BLAIRMORE (SENTINEL) (WAREHOUSE FACILITIES)
MARCH 28, 1984

Sunshine Management Services Ltd.		299,821
Carmacks Construction Ltd.		255,215
Wesbridge Construction Limited		247,200
260757 Alta. Ltd. o a R. Youngs Const.		238,900
Bruno Builders Ltd.		229,888
Tiegen Construction Ltd.		229,500
Penn-Co Construction (Division of A.K. Penner & Sons Ltd.)		222,588
R.W.K. Construction Co. Ltd.		218,499
Lear Construction Services Ltd.		209,813
Frans Feyter Construction Ltd.		199,900
Gil Hansen & Co. General Contractors Ltd		198,307
Gero Construction	A	176,422

TENANT IMPROVEMENTS, VARIOUS DEPARTMENTS, PROVINCIAL BUILDING, 200 - AVE., SOUTH LETHBRIDGE
MARCH 29, 1984

John's Construction A Division of Lorsher Enterprises Ltd.		157,000
K.P. Manufacturers (Lethbridge) Ltd.		142,126
Perter Simons & Sons, Construction Ltd.		137,625
Wesbridge Construction Limited		134,600
Ward Bros. Construction Ltd.		134,448
Gillett Construction Ltd.		134,200
Glen Little Construction Ltd.		130,935
Galko Development, Galko Construction Ltd.	A	129,700

INFORMATION SERVICES

Planning and Policy Branch

Computer Systems Division

Computer Processing Division

Telecommunications Division

INFORMATION SERVICES

The functions of Information Services are:

- ☐ To provide effective and efficient information management and telecommunications services and expertise to government departments and agencies;
- ☐ To establish standards, practices and guidelines necessary to support the effective use of information management and telecommunications services within government departments and agencies.
- ☐ To provide planning. co-ordination and monitoring of electronic data processing (EDP) facilities and resources for the Alberta Government.

These functions are undertaken by four units.

- ☐ The Planning and Policy Branch provides planning and pre-project assistance, consults on EDP security, and monitors EDP systems within the Government of Alberta.
- ☐ The Computer Systems Division provides systems development, maintenance, standards and training. This division also manages common systems and provides expertise on office automation.
- ☐ The Computer Processing Division plans for and provides facilities and expertise to accommodate timely, accurate and effective computer processing and support activities to satisfy the government's data processing requirements.
- ☐ The Telecommunications Division is responsible for the planning, servicing and ongoing management of all government telecommunications requirements.

As a result of continued technological change and innovation, the information management and telecommunications industry is continuing to grow rapidly. Inexpensive microcomputers have been developed and are now being used extensively for commercial and residential purposes. During 1983-84, microcomputers were also used extensively by the Government of Alberta and their use is currently being extended throughout government departments and agencies.

Improved methods of system design and increased use of "packaged" or ready-to-use computer systems are resulting in both quicker response to user problems and in the creation of EDP systems that are more reliable.

Improved technology and more efficient devices have produced a downward trend in the per unit cost for EDP processing. As a result, many government departments and agencies are looking to increased automation to improve productivity and offset the impact of current fiscal restraint.

The cost of telecommunications services provided by utility companies continues to increase. However, new more efficient devices are becoming available which are expected to partially offset this trend. The trend toward integration of data and voice networks is continuing and devices are now available which combine the functions of microcomputer, terminal and telephone into one terminal.

To keep up with this ever-changing technology, training is a major thrust of the department. A training calendar is issued each year outlining courses available in all areas of computing systems and office automation. In addition, self-study courses are offered through the Application Support Branch. The technical library provides reference and research services, inter-library loans, and a keyword index to periodicals.

The Government of Alberta uses the resources of the private sector in developing a large percentage of new EDP systems. During the reporting period, private sector firms were also invited to submit quotations for computer processing to meet the requirements of a major department.

PLANNING AND POLICY BRANCH

During 1983-84, Information Services was given a mandate to monitor the government-wide growth of EDP. To this end, the Policy and Planning Branch carried out the following activities:

- ☐ The cost/benefits of all major EDP development projects were reviewed.
- ☐ A presentation was prepared for the Priorities Committee which identified those systems for which the cost could not be justified on the basis of tangible benefits alone.
- ☐ A directive was prepared in conjunction with the Treasury Department. Treasury Board Directive 04/84, dated March 5, 1984 replaces Treasury Board Directive 07/81, and gives Public Works, Supply and Services a broad role in planning, co-ordinating and monitoring EDP use in government departments and agencies.
- ☐ A government-wide monitoring program was developed and implemented.

Other duties performed for government departments and agencies related to EDP plans included the publication of revised planning guidelines; training; advice to users; and the review and consolidation of annual plans for monitoring systems and for internal planning. Various publications related to government-wide EDP usage were also prepared.

The branch continued to perform a front-end role for Information Services, i.e. the branch is the

first contact with central agencies such as Treasury and Supply and is also the first contact for other users within Alberta. As well, the branch was represented on task forces, committees, and at presentations.

During the 1983-84 fiscal year, the branch continued to participate in the work of the Association for Canadian Informatics in Government. This participation included the chairing by branch personnel of a task force on systems transfer, the purpose of which is to facilitate the transfer or sharing of systems between member jurisdictions.

COMPUTER SYSTEMS DIVISION

The growth in systems development experienced over the past several years continued with major thrusts during 1983-84 in custom development and implementation of packaged software systems. This growth, coupled with increased demands for optimization and enhancements to existing systems, placed considerable demands on the ongoing maintenance function which currently maintains 123 systems with 4.9 million lines of computer code.

Emphasis was placed on acquiring, implementing and supporting financial and personnel software packages to be used on a common, shared basis by several departments. In addition, microcomputer and end-user computing packages were investigated during the reporting period.

Special projects developed under extreme time constraints in the 1982-83 fiscal year were carried on during the current reporting period under more favorable operating conditions, and continued to provide essential support to department administrations.

Several office automation pilot projects were undertaken during the reporting period. As well, office automation products developed primarily for use by managers and professionals rather than as clerical support functions were evaluated. An electronic mail and communication system is currently operational and is being used on a shared basis by several departments.

The substantial technological advances being introduced across the data processing industry have placed renewed emphasis on the provision of training and development of standards that appropriately respond to the non-traditional characteristics of the new technology.

COMPUTER PROCESSING DIVISION

Continued increases in processing volumes occurred during the 1983-84 fiscal year. These are shown in Figures 1 and 2 on pages 90 and 91. Growth was particularly evident in Central Processing Unit (CPU) hours, reflecting a marked shift by users toward on-line systems and services. (Figure 3 on page 92 shows the areas of the province currently served through the on-line data network.) Print volumes declined due to an awareness by users of costs, coupled with a significant price increase in this area.

The division's expenditures during the 1983-84 fiscal year were $45,800,000, an increase of 10.9 percent from the expenditure of $41,300,000 in the previous year. The dramatic increase in CPU usage and shift to higher value on-line usage resulted in significant revenue over-achievement. Accordingly, a new volume discount was introduced retroactive to April 1, 1983; flat rate reductions are being made in 1984-85; and further rate reductions may be made in 1985-86.

Two major projects were completed during the 1983-84 fiscal year, the relocation of the Central Computing Centre to its own premises, and the migration of the Treasury Branch on-line banking system from IBM's Toronto Data Centre to the Calgary Computing Centre.

A major processor and significant quantities of additional peripherals were installed to accommodate increased workloads, while the staff of the division was reduced by 46 full-time positions.

TELECOMMUNICATIONS DIVISION

The reporting period was the first full year of operation for the division, during which time key management positions were filled and organizational matters completed.

A major initiative during the reporting period was introduction of the Telecommunications Cost Reduction Program. Telephone system standards were established, to be used for new systems and major moves; these will be applied to all government telephone installations in the future. A computer-based inventory system will be fully operational by the end of the 1984-85 period.

During 1983-84, rate increases for services provided by the telephone companies were the major cause of an increase in spending from $27 million in 1982-83 to $34 million in 1983-84. The cost reduction program is intended to mitigate the impact of these and future price increases.

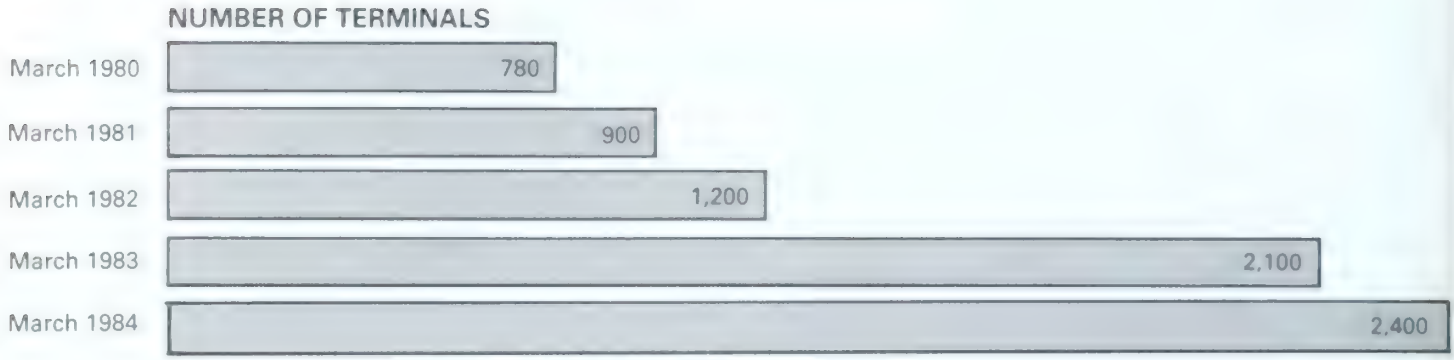
Major projects undertaken or completed during 1983-84 included:

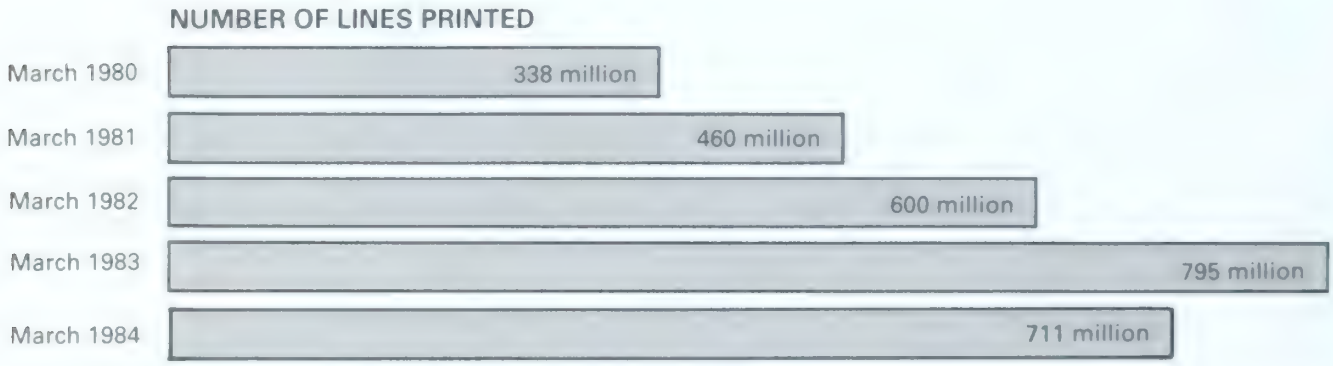
- ☐ Implementation of state-of-the-art digital switching systems in Calgary, Grande Prairie, and Red Deer.
- ☐ Commencement of the planning and design of digital transmission facilities between switching centres in Calgary, Edmonton, Grande Prairie, Red Deer, and Lethbridge.
- ☐ Implementation of telecommunications services for the new Public Works, Supply and Services head office building, Edmonton; the addition to the Law Courts complex, Edmonton; the Barrhead Correspondence School; the new Medical Examiner's facility, Calgary.
- ☐ Replacement of switchboards in Drumheller, Blairmore (Crowsnest Pass), and the Ukrainian Heritage Village.
- ☐ Letting of a contract valued at approximately $20 million for radio equipment, maintenance, and network services for a province-wide shared mobile radio system to serve some 2,000 mobile units operated by Fish and Wildlife, Forestry, and Highway Patrol.

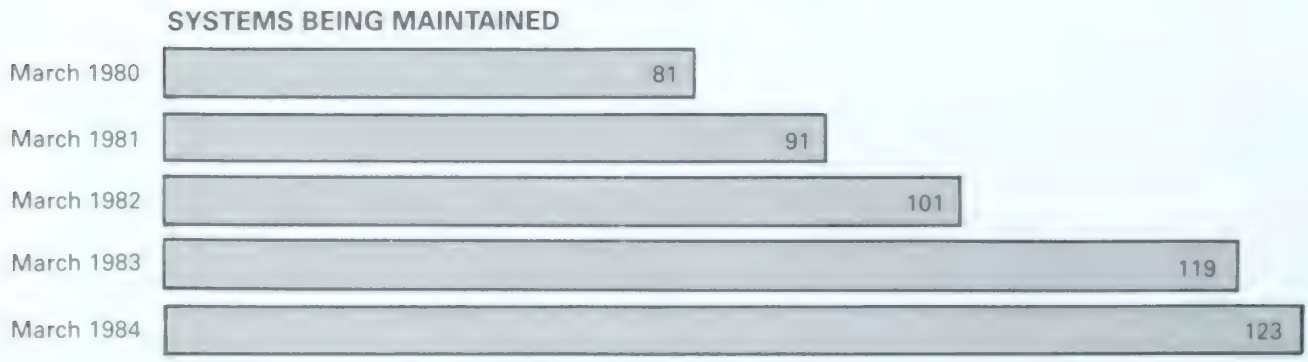
INFORMATION SERVICES

Figure 1

Monthly Volume Comparisons



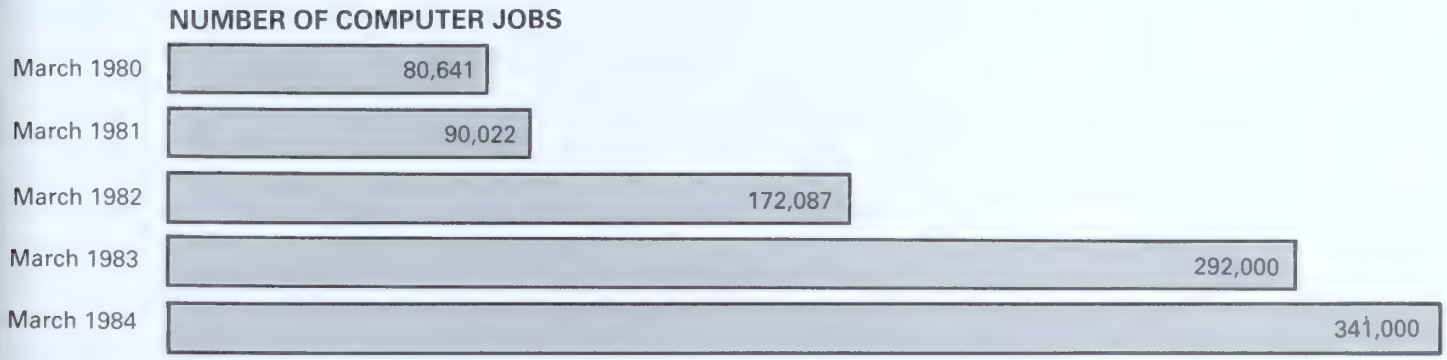


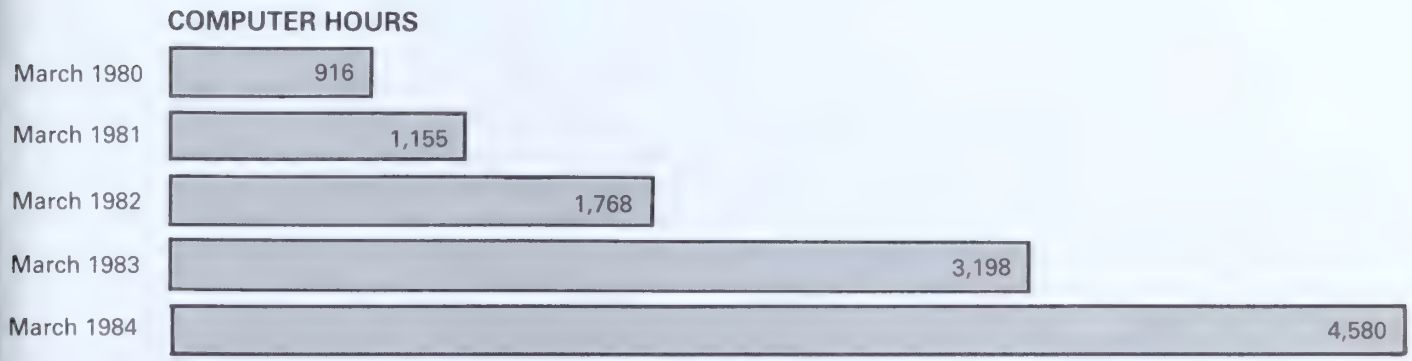


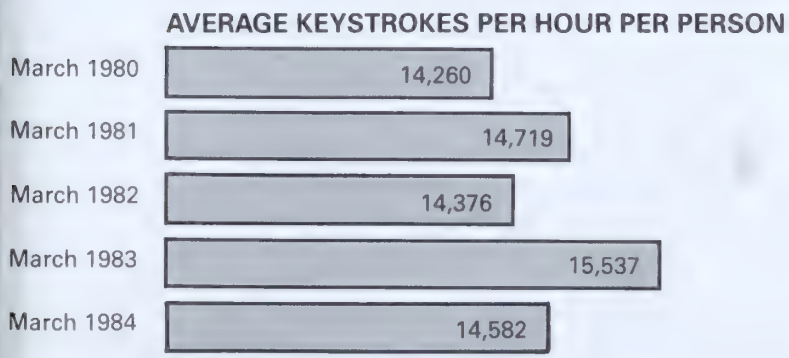
INFORMATION SERVICES

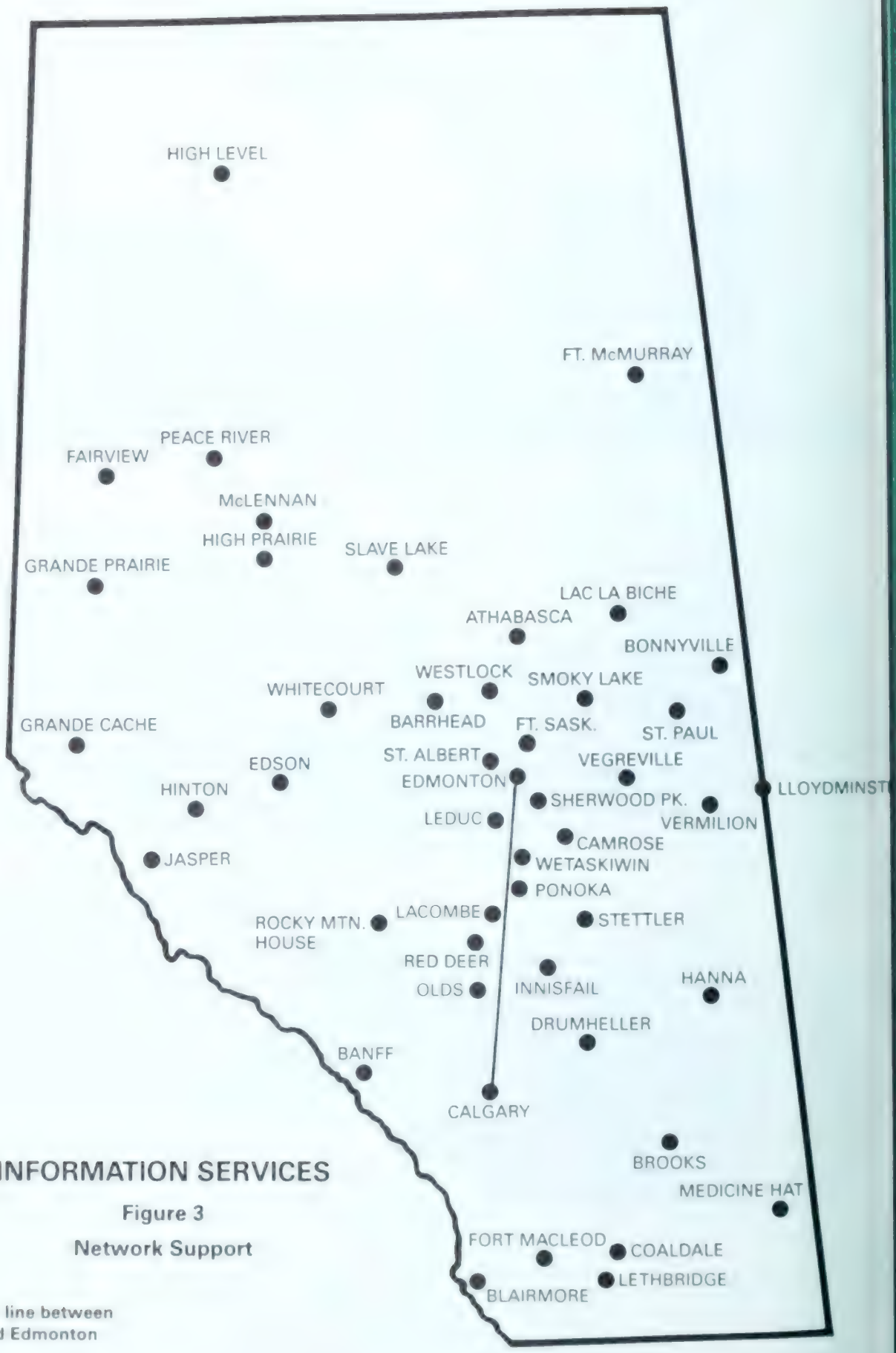
Figure 2

Monthly Volume Comparisons









INFORMATION SERVICES

Figure 3

Network Support

High-speed line between Calgary and Edmonton

PROPERTIES

Property Planning Division

Realty Division

Building Sciences Division

Property Management Division

PROPERTIES

As of July 1, 1983, the amalgamation of the Public Works portion of the department of Housing and Public Works, and the department of Alberta Government Services took place. The Properties organizational unit was formed at that time with the mandate of planning, acquisition, disposal and management of Public Works, Supply and Services properties. On August 1, 1983, the Land Assembly Branch of Alberta Environment was transferred to Properties and the additional mandate to plan, acquire and manage the disposition of all land requirements for the Alberta Government, with the exception of road right-of-ways and residential land banking, was assigned to Properties.

The Properties organization consists of four divisions, Property Planning, Realty, Property Management and Building Sciences. The role of each division in supporting the Properties mandate is described in the following sections:

PROPERTY PLANNING DIVISION

The Property Planning Division consists of three branches: Administrative Services, Project Administration, and Project Development.

ADMINISTRATIVE SERVICES BRANCH

The Administrative Services Branch consists of six major units: Records Centre, Furniture Unit, Consultant Unit, Operating Budget Unit, Tenant Improvement Unit, and Word Processing Unit.

The Records Centre is responsible for maintaining the file information inventory for the division's branches.

The Furniture Unit is responsible for processing orders related to office furniture for new employees, new space, boardroom and reception areas, and for additional requirements of program departments.

The Consultant Unit is responsible for budgetary and financial control for all consultants hired within this division.

The Operating Budget Unit is responsible for budgetary and financial control of all operating and manpower expenditures.

The Tenant Improvement Unit is responsible for financial and budgetary control for all tenant improvement projects.

The Word Processing Unit is responsible for the inputting of all the division's memos, letters and reports into the division's word processing system.

PROJECT ADMINISTRATION BRANCH

The Project Administration Branch is responsible for the Tenant Improvement construction in leased and existing Crown-owned office and warehouse space. It is the responsibility of the branch to ensure that projects are completed on time and within budget constraints.

The duties of the branch include establishing time frames, updating budgetary requirements, preparing construction tender packages, reviewing tenders and quotations, awarding contracts, conducting site inspections, preparing deficiency lists and making arrangements for moving. Co-ordinating the installation of telecommunications and computer services also falls within the sphere of branch activities.

During the 1983-84 fiscal year the branch handled 527 Tenant Improvement projects.

PROJECT DEVELOPMENT BRANCH

The Project Development Branch plans and designs all general purpose office and warehouse accommodation for government departments and agencies. Also, the branch co-ordinates, plans and budgets for all land acquisition requirements of the departments of Utilities and Telephones, Recreation and Parks, Energy and Natural Resources, Culture, and Environment.

Accommodation: Short-term activities include identification and assessment of space needs for

departmental programs, and the allocation and design of general purpose office and warehouse space for multi-departmental use in urban and rural Alberta.

Long-term activities include: 1) Accommodation planning at the regional level; 2) Policy inputs for build-lease decisions; and, 3) Development of long-term space forecasts and recommendations for construction of office space, such as new provincial buildings and office complexes.

When office requirements cannot be satisfied by allocating space in existing facilities, the Realty Division is directed to acquire leased space.

A resource group within the branch provides: 1) Standards and specifications for office space and furniture; 2) General and occupancy-fit programs for provincial buildings and all major office complexes; and, 3) Space and parking inventory control systems.

Land Acquisition Planning: The branch undertakes the land planning function for the provincial government for all requirements except road right-of-ways for Alberta Transportation and for residential land banking. Related activities include:

- Preparation of the annual land acquisition plan and estimating expenditures; co-ordination of the acquisition process and recommendations concerning budgetary allocations.
- Initiation and co-ordination of the administration of properties which are temporarily surplus to current program requirements.
- Maintenance of an inventory of all properties and administration of the disposition of surplus properties.

REALTY DIVISION

The responsibilities of the Realty Division fall into three broad areas of activity: land acquisition and disposal, leasing, and grants-in-lieu of taxes.

Land Acquisition and Disposal: Effective August 1, 1983, the Land Assembly Branch of Alberta Environment was transferred to and amalgamated with the Acquisition and Disposal Branch of Alberta Public Works, Supply and Services to become the Land Acquisition Branch. This branch is now responsible for all land acquisitions on behalf of the government departments with the exception of Alberta Transportation and Alberta Housing.

During the 1983-84 fiscal year the Land Acquisition Branch administered 28 property transactions relating to Alberta Public Works, Supply and Services capital projects. This total does not include transactions resulting from the amalgamation. The following table provides details of these transactions compared with those for the 1982-83 fiscal year.

	1983-84	1982-83
Property transactions for PWSS capital projects	28	89
Amount paid for all acquisitions, additions, and or revisions	$2,366,024	$69,843,074
Total value of surplus properties sold	$ 320,503	$ 4,490,207

Leasing: The Leasing Branch administered a portfolio of 1,166 rents payable and accounts receivable leases during the reporting period. The amounts paid for leasing costs totalled $78,366,459; accounts receivable for the year totalled $3,412,306.

The table below provides a comparison of leasing statistics for the 1983-84 fiscal year with those for the previous year.

	1983-84	1982-83
Number of rents payable and accounts receivable	1,166	1,124
Annual amount of accounts receivable	$ 3,412,306	$ 6,361,000
Annual amount of rents payable (including all lease costs)	$78,366,459	$72,275,000
Number of leases for government agencies	78	64
Annual amount for government agencies	$ 7,548,913	$ 6,766,000

Grants-in-Lieu of Taxes: The division received 6,149 applications for grants-in-lieu of taxes and local improvements from 210 taxing authorities in Alberta. As can be seen in the table below, the total amount paid for grants-in-lieu of taxes during the reporting period was $23,510,000; the amount paid for local improvement was $182,133. The table compares statistics for 1983-84 with those for 1982-83.

	1983-84	1982-83
Number of claims	6,149	5,100
Amounts of grants-in-lieu of taxes	$23,510,405	$20,281,070
Amount for local improvement	$ 182,133	$ 185,087
Total	$23,692,538	$20,466,157

BUILDING SCIENCES DIVISION

The Building Sciences Division was formed during the 1983-84 fiscal year and is an amalgamation of two former branches: the Planning and Services Branch of Alberta Government Services, and the Research and Consulting Branch of Alberta Housing and Public Works.

The activities of the division include facility evaluation and facilities maintenance. The division is also responsible for activities related to these specialist disciplines: building envelope, acoustics, energy, and the building sciences workshop.

The division provides a technical resource to Properties in its responsibilities for economic and efficient operation and maintenance of facilities. Also, the division continues to edit the department's Design Requirements Handbook, sets technical standards, and monitors energy consumption for the department's buildings.

To facilitate technology transfer within the department, the Building Sciences Division has initiated a link role between the Capital Development and Property Management units.

During the reporting period, the division's Facilities Maintenance Branch provided technical and project management expertise to approximately 500 field projects.

PROPERTY MANAGEMENT DIVISION

The Property Management Division is responsible for the management, operation and maintenance of government-owned and leased facilities in the province. Services are provided through four geographical regions, supported by a Planning and Services Branch, a Security Branch and a Divisional Support Branch.

At March 31, 1984, the division was responsible for 2,061,438m^2 of owned space and 628,517m^2 of leased space, for a total of 2,689,955m^2. These figures reflect an increase of 207,363m^2 for owned space and an increase of 24,697m^2 for leased space from the 1982-83 levels.

On pages 97 to 98, Figures 4 through 7 show regional summaries of government space; the total owned and leased space maintained by the division; expenditures by functional categories and a productivity graph.

During the year, the division awarded three Property Management contracts. This initiative was part of the division's approach in privatizing services wherever possible.

In addition to its responsibility for the management, operation and maintenance of government space, the division was involved in the following activities.

Food Services

Four new single food services were opened, tendered, awarded and contracted to the private sector. A multi-building contract was also awarded. This is only the second contract of this type to be awarded. Plans for new facilities were reviewed. New concepts in food services administration and planning were emphasized to keep facilities current.

Nutrition month activities were undertaken in conjunction with the Natural Nutrition Month Program. Quality food and service at minimum cost to employees continued as the main theme.

Security Services

A security office at Government Centre in Edmonton provided uniformed patrol services and security supervision of sites to the Edmonton urban area, as well as electronic monitoring of various locations in the province. Consulting services in all aspects of security were provided upon request to government departments.

Shops Services

Alberta Government Shops completed 2,145 projects valued at $1,897,000. Of these, 387 were specialized product manufacturing projects, valued at $688,570, for various government departments, boards, and agencies. Of the project total, 17 were performed by the private sector. These were valued at $209,300, or 11 percent of total expenditure.

Special Projects

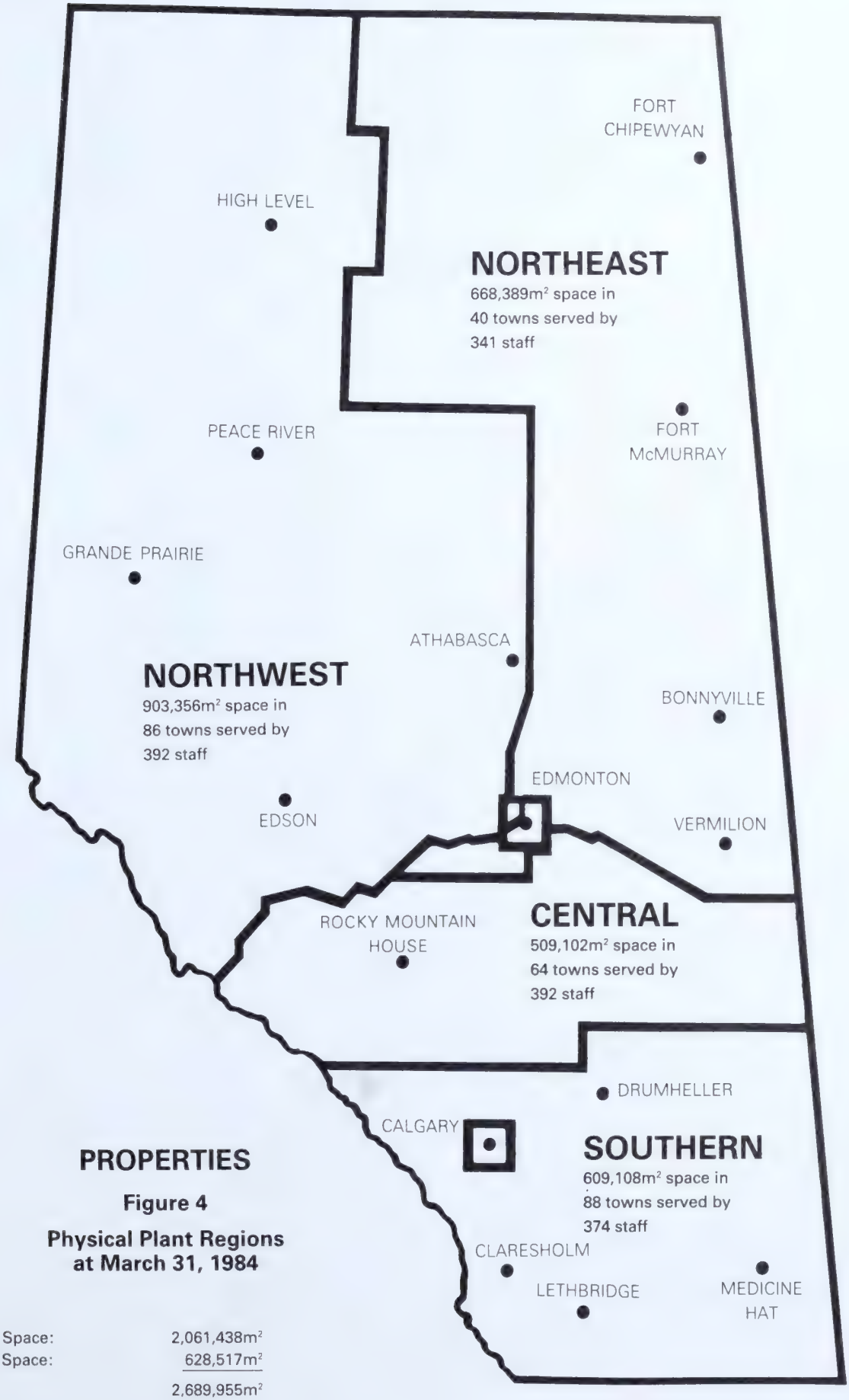
During 1983-84, asbestos abatement contracts were carried out in three buildings, and a major sub-contract was designed for inclusion in the Terrace Building Tenant Improvement Project. Also, staff advised on asbestos abatement in leased buildings and provided expert opinion to other departments on specific asbestos problems.

The Custodial Training Program completed its first provincial circuit on task management and expectations. Support to the field was provided in tendering and awarding of custodial contracts.

The Landscape Program was initiated and established to enhance property maintenance and plant material health through training and broadened communication.

Maintenance of Waterlines

During the 1983-84 fiscal year, the Maintenance of Waterlines Program was transferred from the Site Development Division to the Property Management Division.



PROPERTIES

Figure 4

Physical Plant Regions at March 31, 1984

Total Owned Space:	2,061,438m²
Total Leased Space:	628,517m²
Grand Total:	2,689,955m²

Figure 5

Total Space Maintained
(in millions of square metres)

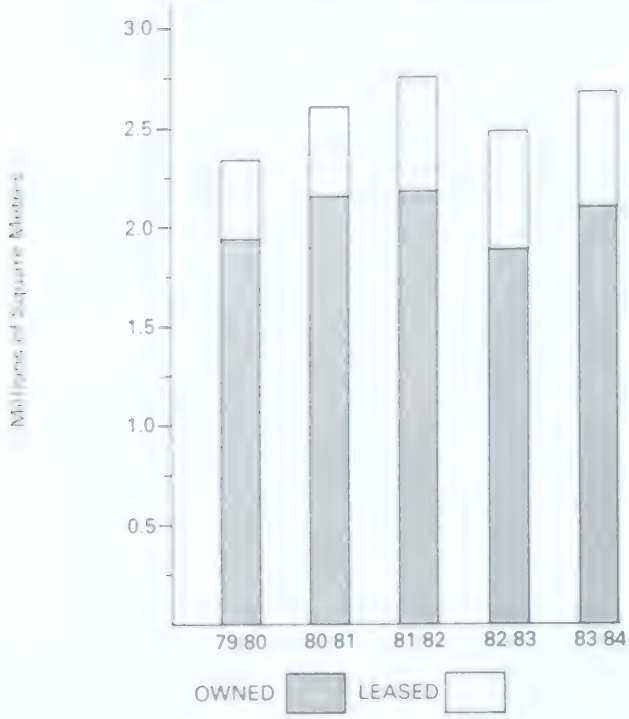


Figure 6

Functional Costs: 1983/84
All Buildings
(in millions of dollars; 1982/83 shown in brackets)

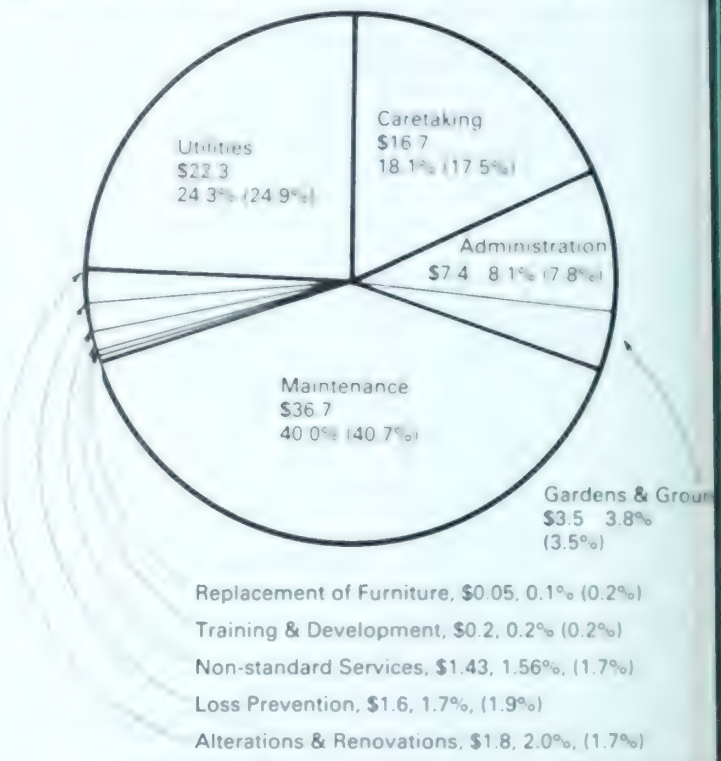
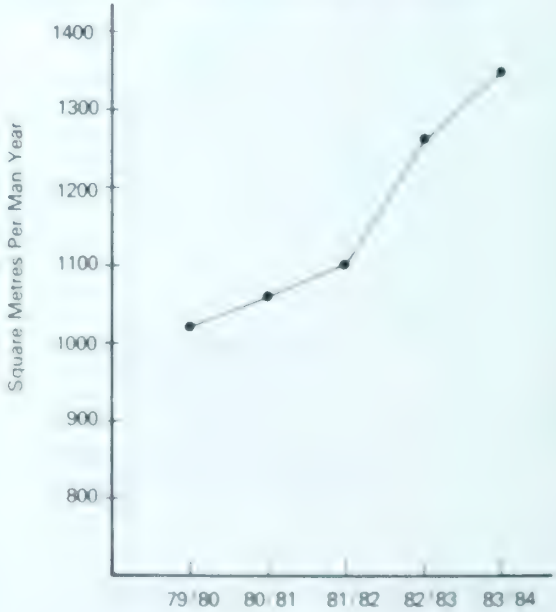


Figure 7

PRODUCTIVITY

OWNED SPACE ONLY

(in square metres per man-year)



SUPPLY

Procurement Division

Supply Operations Division

Air Transportation Services Branch

SUPPLY

The Supply organization is responsible for the delivery of a wide variety of materials and service management programs to government departments. These programs include procurement of materials and services, warehousing and distribution of common-use items, marketing of surplus materials, fleet management, office equipment maintenance, courier service, printing and duplicating, records management, aircraft fleet management, and advisory services in the area of standards and specifications.

At the beginning of the reporting period, goals and objectives were established relating to the application of creativity and innovation in order to improve productivity, and, where possible, the quality of services provided. Emphasis was placed on the assessment of operations to ensure that all available economies were realized from amalgamation of activities, elimination of inefficiencies, streamlining and work simplication. A major objective was to ensure that opportunities for cost avoidance on a government-wide basis were identified. The need to demonstrate sensitivity and helpfulness and to support the Alberta business community was reiterated as a goal.

In each of these areas, significant progress and achievement was made. Specific accomplishments are detailed in individual branch highlights.

On April 1, 1983, Supply assumed responsibility for Translation Services with its transfer from Alberta Culture.

During 1983-84, Supply continued to streamline and make the delivery of services provided more efficient. Continued attention was also placed on identification of services that could be provided by private sector contractors.

Automated systems utilizing microcomputers were implemented resulting in more timely and accurate information to effect manpower savings and to facilitate control. Examples include the Surplus Sales Administration System, the Supply Inventory Management System, and the development of administrative systems by the Operational Support Services Branch to assist in the preparation of budgets and management information reports.

Initiatives in each of the branches have been successful in either downsizing these organizations or avoiding growth while maintaining a satisfactory level of performance.

In summary, 1983-84 was a year of intensifed efforts directed toward efficiency improvements in administrative and operational processes. While attempting to identify opportunities to downsize and privatize whenever appropriate, efforts to achieve optimum utilization of resources through reallocation and deployment were also emphasized. Skills-based training in the practical application of automated systems contributed significantly to the overall productivity.

PROCUREMENT DIVISION

The Procurement Division is responsible for the centralized purchasing of goods, the acquisition of selected services and the maintenance of an inventory of commonly used products. It comprises four operating units: Purchasing Branch, Contracted Services Branch, Warehousing and Distribution Branch, and the Southern Region office in Calgary.

PURCHASING BRANCH

The Purchasing Branch acquires material, equipment and supplies. During the reporting period, the branch acquired goods totalling $290 million of which $259 million or 89 percent was obtained directly from the Alberta vendor community. Major purchases included $92 million for asphalt, $21 million for aircraft, $7 million for vehicles, and $25 million for petroleum-related products.

The Standing Offer Purchasing System, which allows departments to directly access certain products of designated vendors at predetermined prices, was expanded and now embraces over 11,000 individual items obtained from over 200 Alberta-based vendors. The system is favorable to both vendors and user departments, reducing both the length of the supply chain and paperwork.

Limited price escalation and a period of firm pricing in many areas resulted from increased competition among suppliers. The number of vendors wishing to do business with the Government of Alberta has increased notwithstanding the reported failure of many small businesses. The Purchasing Branch has attempted to assist Alberta businesses in a number of ways.

Efforts to develop product specifications continued so that opportunities for Alberta suppliers to

satisfactorily meet government requirements for supplies and services will be maximized.

Alberta has played a significant role in the promotion and use of standards for procurement. During the reporting period a member of Supply was appointed to the International Standards Organization's committee on the principles of standardization and is the sole Canadian representative on the committee.

Pre-bidders meetings were continued to ensure that vendors were fully aware of what products were being purchased, and the terms and conditions of purchase. Follow-up reviews and debriefings were undertaken to respond quickly and completely to vendor enquiries. Contacts with the vendor community were maintained.

During 1983-84, the branch participated in the development of a decentralized materials management program to better support local parks administered by Alberta Recreation and Parks. The branch also implemented several major contracts to more effectively meet the needs of the fire suppression programs managed by Alberta Energy and Natural Resources.

The branch continued to work with Alberta Social Services and Community Health to develop methods to facilitate the controlled and cost-effective provision of supplies associated with the Aids to Daily Living program administered by the department.

The Supply Information Purchasing System, including the electronic link with the Southern Region office, became fully operational. This has proved extremely effective with respect to manpower stabilization and overall administrative effectiveness.

Figures 8 and 9 on page 103 provide five-year comparisons of the dollar value of purchases and the number of transactions.

CONTRACTED SERVICES BRANCH

The Contracted Services Branch provides expertise and co-ordination in the acquisition and negotiation of contracts for electronic data processing (EDP) and word processing, systems development consulting and general services.

The branch experienced a continued heavy demand for EDP hardware and software. Technological change and systems innovation caused complexities in arranging contracts.

During fiscal year 1983-84, projects completed included:

- Advisory activity in co-ordinating the contracting for the privatization of Government Temporary Staff Services.
- Participation in a process assessing private sector capability to provide large-scale EDP services to government users.
- Finding solutions to handle recurring requests more efficiently. This included a pilot project with branch personnel and users to determine the feasibility of providing a microcomputer standard offering.

The total value of approximately 1,435 contracts placed by the branch during the reporting period was $66.8 million. This volume reflects the ongoing use of private sector contractors wherever possible. The increasing number of requests from departments to assist in carrying out contracting initiatives is perceived as exceeding the resources available.

WAREHOUSING AND DISTRIBUTION BRANCH

The Warehousing and Distribution Branch provides centralized warehousing and distribution services in the areas of common-use materials and supplies for government departments and agencies. In addition, temporary storage, general cartage and office relocation services are provided.

During fiscal 1983-84, all Edmonton area operations were integrated into the Supply Centre, resulting in the consolidation of functional activities and improvement in operational efficiency. The integration of operations was a major undertaking which commenced in October 1983, and was completed in February 1984.

Development work continued on the computerized order entry and inventory mangement system, which is designed to reduce costs and improve inventory control. This system has an operational target date of September 1984.

The warehousing, inventory and distribution project, designed to improve inventory management and reduce costs for Alberta Recreation and Parks, progressed on schedule.

Line items shipped declined by 5 percent below the previous year, while the inventory turnover rate improved from 4.3 to 5.4 turns per year.

Figures 12, 13 and 14 on page 104 provide statistics on various aspects of branch activity.

SOUTHERN REGION

The Southern Region Office acquires materials, equipment and supplies for the southern part of the province.

During the reporting period, implementation of the Supply Information Purchasing System was completed. This has enhanced both procurement and administrative effectiveness.

A major focus was the purchasing of materials and equipment for several significant projects in southern Alberta, including Kananaskis Park and the Medical Examiner's office.

Development of Standing Offer agreements to reduce the frequency of tendering, and provide maximum convenience to the user while minimizing vendor's costs, continued to be a primary thrust.

SUPPLY OPERATIONS DIVISION

The Supply Operations Division is comprised of four branches: Printing Services; Equipment, Courier and Surplus; Records Management; and Translation Services.

PRINTING SERVICES BRANCH

The Printing Services Branch, through its Central Duplicating Plant and Quick Print Centres in Edmonton and Calgary, provides an integrated copying, duplicating and printing service to all departments. During the reporting period, efforts continued to be placed on examination of operational units, downsizing and re-organization of resources, control of cost, service response and quality.

The Central Duplicating Plant production volume reduced 17 percent and manpower was decreased accordingly. This contributed to an increase in the amount of printing work let to the private sector.

All operations of the branch were re-examined. An improved quality control and materials management program substantially reduced materials wastage, inventory volume, and project re-works. The rapid growth in electronic preparation and printing systems has necessitated renewed emphasis on training to keep abreast of technological advances. Voluntary technical training was accelerated through Alberta Manpower's Printing & Graphic Arts Apprenticeship Program conducted at Westerra Institute of Technology.

Quick Print services are a cost-effective, quality and delivery-responsive alternative to photocopiers and duplicators. Direct cost analysis indicates a minimum savings of approximately $1 million during the fiscal year. Emphasis was placed on productivity and automated electronic systems so that the available manpower could meet volume requirements.

Figures 10 and 11 on page 103 provide statistics on the total impressions made by the Central Duplicating Plant and by the Quick Print centres.

EQUIPMENT, COURIER AND SURPLUS BRANCH

Effective September 1, 1983, the Equipment and Transportation Branch and the Surplus Sales Branch were amalgamated under one director. This action facilitated closer working relationships between two related functional areas resulting in a more cost-efficient, rationalized program delivery. The branch now consists of: Central Vehicle Services, Central Delivery and Courier Services, Surplus Sales (Edmonton and Calgary). Sources of branch revenue are shown in Figure 15 on page 105.

Central Vehicle Services. During the 1983-84 fiscal year Central Vehicle Services reduced fleet size by approximately 300 units, and the vehicle retention period was extended for one year. These moves reduced fleet costs and deferred capital expenditures by approximately $7 million.

The Automotive Services area of Central Vehicle Services contracted 69 percent of its vehicle maintenance requirements to private sector garages. The Office Equipment area reduced its total inventory of rental equipment by over 20 percent. As well, photocopier rental service was withdrawn, thereby reducing overhead and creating more opportunities for private sector involvement.

Development work commenced on a Vehicle Information Management system that will reduce data processing costs by 50 percent and generate more timely information for fleet requirements.

Central Delivery and Courier Services. In the Courier Services section, five new locations were added, bringing the total served to 158. This delivery service is provided under contract by a private sector courier. The annual value of this contract is approximately $700,000. As well, the distribution of data processing material within the City of Edmonton was privatized. A major activity for the Courier Service in 1983-84 was the mail- out of licence plates on behalf of Alberta Solicitor General (approximately three million pieces). A five-year comparison of locations served is shown in Figure 16 on page 105; Figure 17 on the same page provides a five-year comparison of shipment volumes.

Surplus Sales. Surplus Sales remained very active, particularly in the area of miscellaneous, general interest items. Fourteen contract auctioneers throughout the province sold approximately 52,000 items for a total value of $530,000. As well, 202 vehicles were sold by private auctioneers for a total of $494,000.

During the past two years, Surplus Sales has assisted the Alberta Solicitor General to achieve substantial savings in the administration of the Abandoned Vehicle Program. The program, which formerly cost the department nearly $1.5 million annually, is now a net contributor of the Motor Vehicle Accident Claims Fund. This has been achieved through a reduction in storage and towing charges and from appropriate sales proceeds.

During the reporting period, implementation of the Surplus Sales Administration System, which facilitates the control of assets within the responsibility of the branch, was completed. This has enabled Surplus Sales to manage increased activity levels without additional resources.

Figure 18 on page 105 provides a five-year comparison of revenue from surplus sales.

RECORDS MANAGEMENT BRANCH

The Records Management Branch operates centralized records storage facilities, provides micrographic services, and controls destruction of documents.

Using special purpose records storage facilities, rather than office space, saves the government an estimated $1 million annually. Records Centre holdings at the end of the 1983-84 fiscal year were approximately 110,000 cubic feet.

During the reporting period, several projects were completed, including development of guidelines for the retention and disposal of employee records. The increasing volume of electronic data processing records, and the problems associated with retrieving or reconstructing records generated from on-line systems, necessitated development of appropriate guidelines and procedures. The branch continued to study the feasibility of an automated file location system.

A review of records management services required in Southern Alberta was completed. This included a survey to ascertain the extent of the records being stored and determined the duration and location of retention of records. A similar project for Northern Alberta will be undertaken during the 1984-85 fiscal year. These reviews will provide a basis for determining the long-term demands for Records Management Services.

Expansion of the Records Centre facility in Edmonton was undertaken. This was in response to the high volume of intake and the expectation that intake levels will remain high in the foreseeable future.

During the year, a contract was negotiated with a private sector company to provide for records storage in the Calgary area.

Pulping of records material by a private sector contractor was undertaken. This was considered a cost-effective method of destroying designated records.

The demand for mircrofiliming services increased signficantly and is expected to remain high for the next several years.

Figures 19, 20 and 21 on page 106 provide five-year comparisons on various aspects of branch activity.

TRANSLATION SERVICES BRANCH

The Translation Services Branch provides translation, revision and interpretation services to government departments and agencies. Work is done by both internal resources and qualified freelance translators.

Demand for translation and interpretation services has steadily increased as a result of co-operative endeavors between Quebec and Alberta, increasing use of the French language in Canada, and greater international involvement by the Province of Alberta.

Translations from English to French and from French to English form the bulk of the translation work. Much of this work is handled by internal resources. However, the branch relies almost exclusively on freelance translators for translations involving foreign languages.

Because the number of qualified translators in Alberta is very limited, much of the translation work received requires revision before it can be forwarded to the requesting department or agency. Productivity is expected to be increased with the acquisition of a special word processor which will be used by translators as well as support staff.

The branch also provides simultaneous or consecutive interpretation services for conferences, business meetings and official receptions.

AIR TRANSPORTATION SERVICES BRANCH

The Air Transportation Services Branch provides a variety of air travel services to government departments and agencies on fixed and rotary wing aircraft. During the reporting period, the branch provided approximately 19 percent of the total government aircraft requirements. The remainder was provided by the private sector.

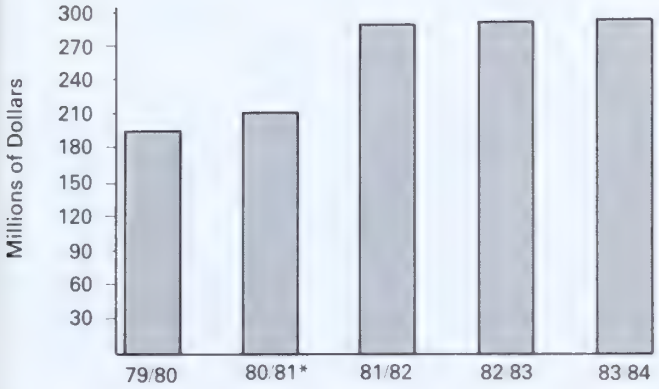
Total aircraft utilization was the same as the previous year. The increase in helicopter travel was offset by lower use of the fixed wing fleet, as shown in Figures 22 and 23 on page 107.

During 1983-84 emphasis was placed on improved efficiency by increasing productivity and reducing operating costs. To support these efforts a computer-based information system was introduced. The system provides information related to maintenance management, inventory control, financial reporting and flight statistics. Figure 24, on page 108, indicates the major cities and towns serviced during the reporting period.

PURCHASING

Figure 8

Dollar Value of Purchases (in millions of dollars)

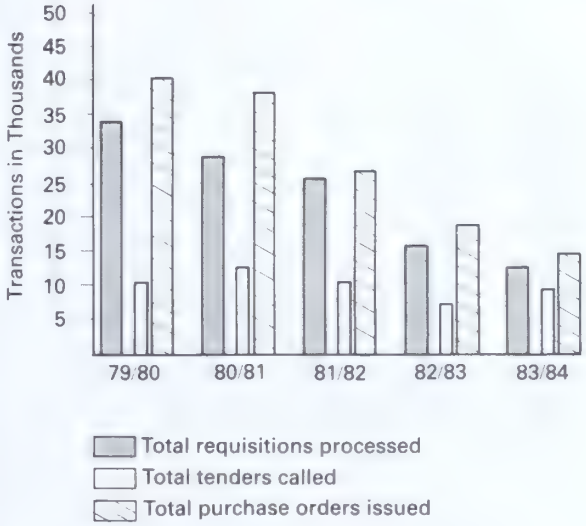


79/80	$194,196,000	81/82	$288,625,000
80/81	$211,267,000	82/83	$289,000,000
		83/84	$290,000,000

*Excludes single $52 million purchase of 1,000 grain hopper cars.

Figure 9

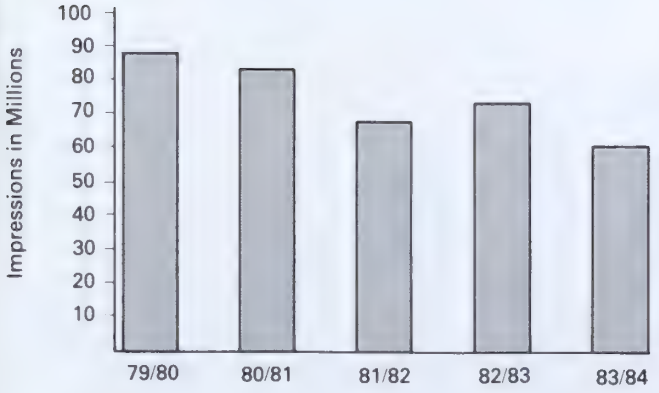
Purchasing Transactions (in '000s)



PRINTING SERVICES

Figure 10

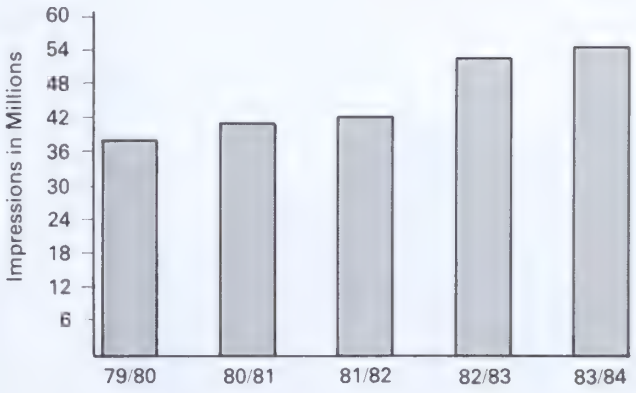
Central Duplicating Plant Total Impressions (in millions)



79/80	87,796,000	81/82	68,023,000
80/81	83,412,500	82/83	72,276,000
		83/84	60,000,000

Figure 11

Quick Print Centres: Edmonton, Calgary Total Impressions (in millions)



79/80	37,556,000	81/82	42,348,000
80/81	40,966,000	82/83	51,767,000
		83/84	54,366,000

Figure 12

Sources of Revenue: 1983-84

Figure 13

Order Processing Volume

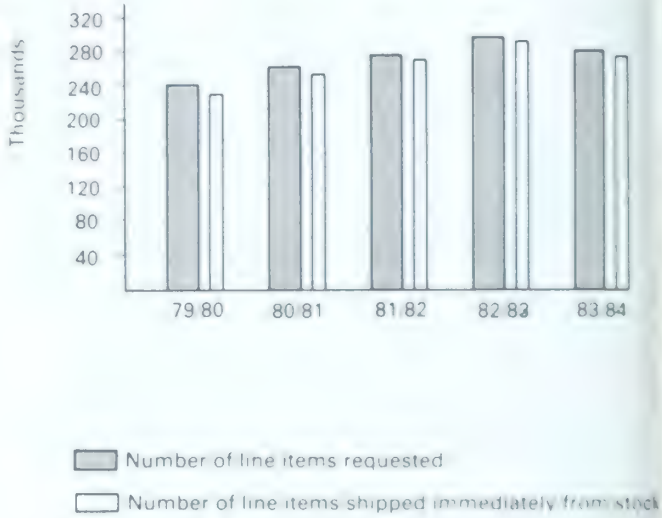


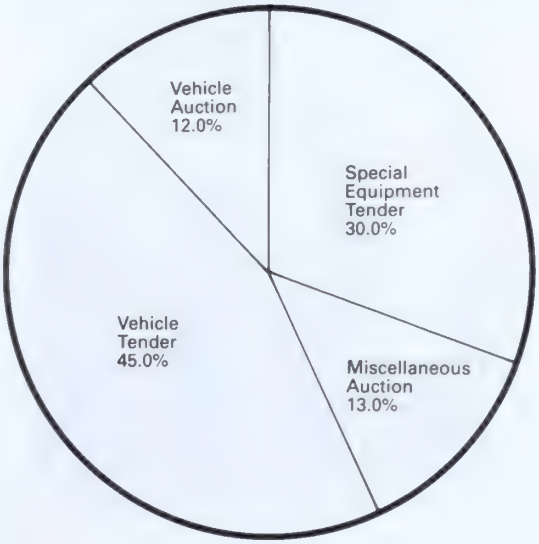
Figure 14

Cost of Goods Sold
Relative to Inventory Investment
and Turnover Rates

EQUIPMENT, COURIER & SURPLUS SALES

Figure 15

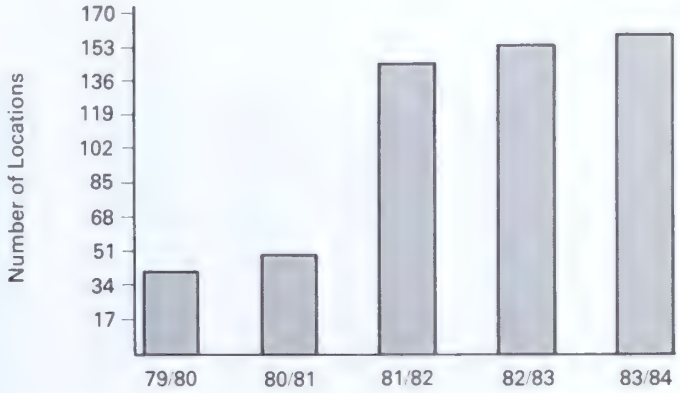
Sources of Revenue: 1983-84



Tender Sales	$1,028,814
Auction Sales	3,086,440
	$4,115,254

Figure 16

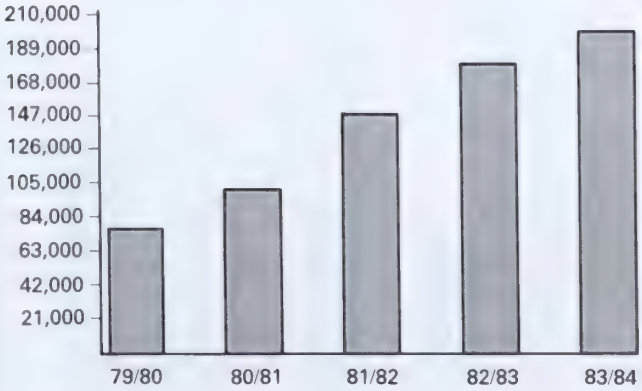
Number of Locations Served by Courier



79/80	43	81/82	144
80/81	51	82/83	153
		83/84	158

Figure 17

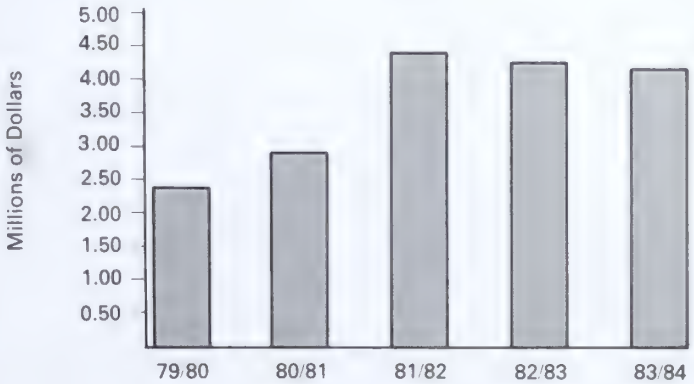
Number of Courier Shipments



79/80	78,751	81/82	148,752
80/81	101,250	82/83	179,034
		83/84	197,931

Figure 18

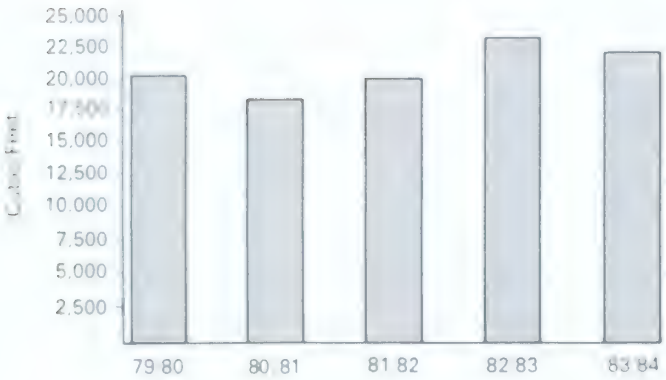
Surplus Sales: Total Revenue (in millions of dollars)



79/80	$2,403,761	81/82	$4,392,115
80/81	$2,926,931	82/83	$4,207,319
		83/84	$4,115,254

Figure 19

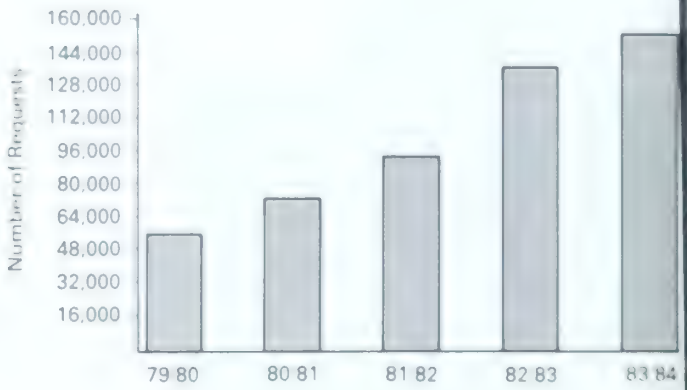
Accessions: Intake of New Storage Material (in cubic feet)



79 80	20,297	81 82	19,974
80 81	18,352	82 83	23,088
		83 84	22,088

Figure 20

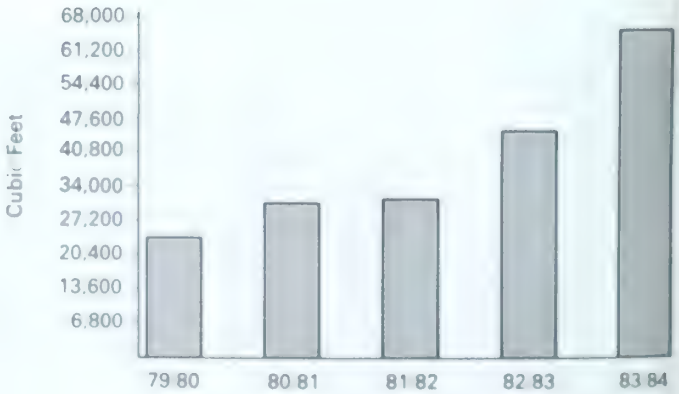
Referencing: Requests for Files and Delivery



79 80	56,799	81 82	93,980
80 81	73,509	82 83	135,114
		83 84	150,988

Figure 21

Disposals (in cubic feet)

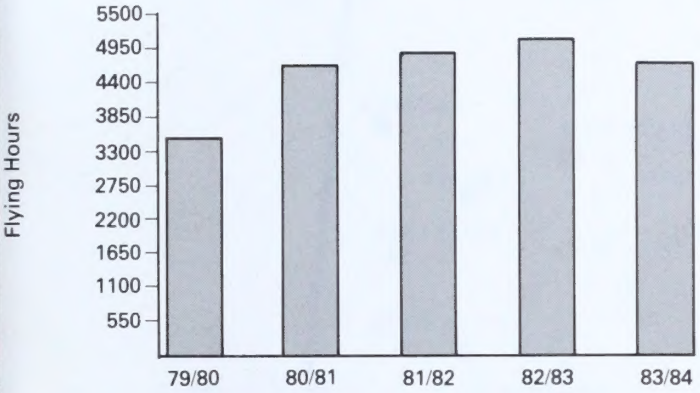


79 80	24,339	81 82	32,141
80 81	30,868	82 83	45,175
		83 84	65,252

AIR TRANSPORTATION SERVICES

Figure 22

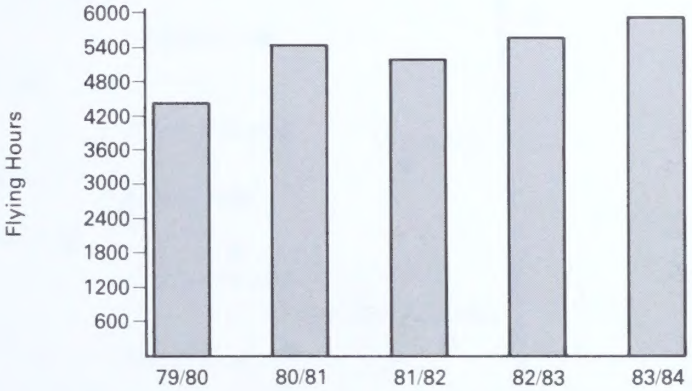
Flying Hours: Fixed Wing Aircraft



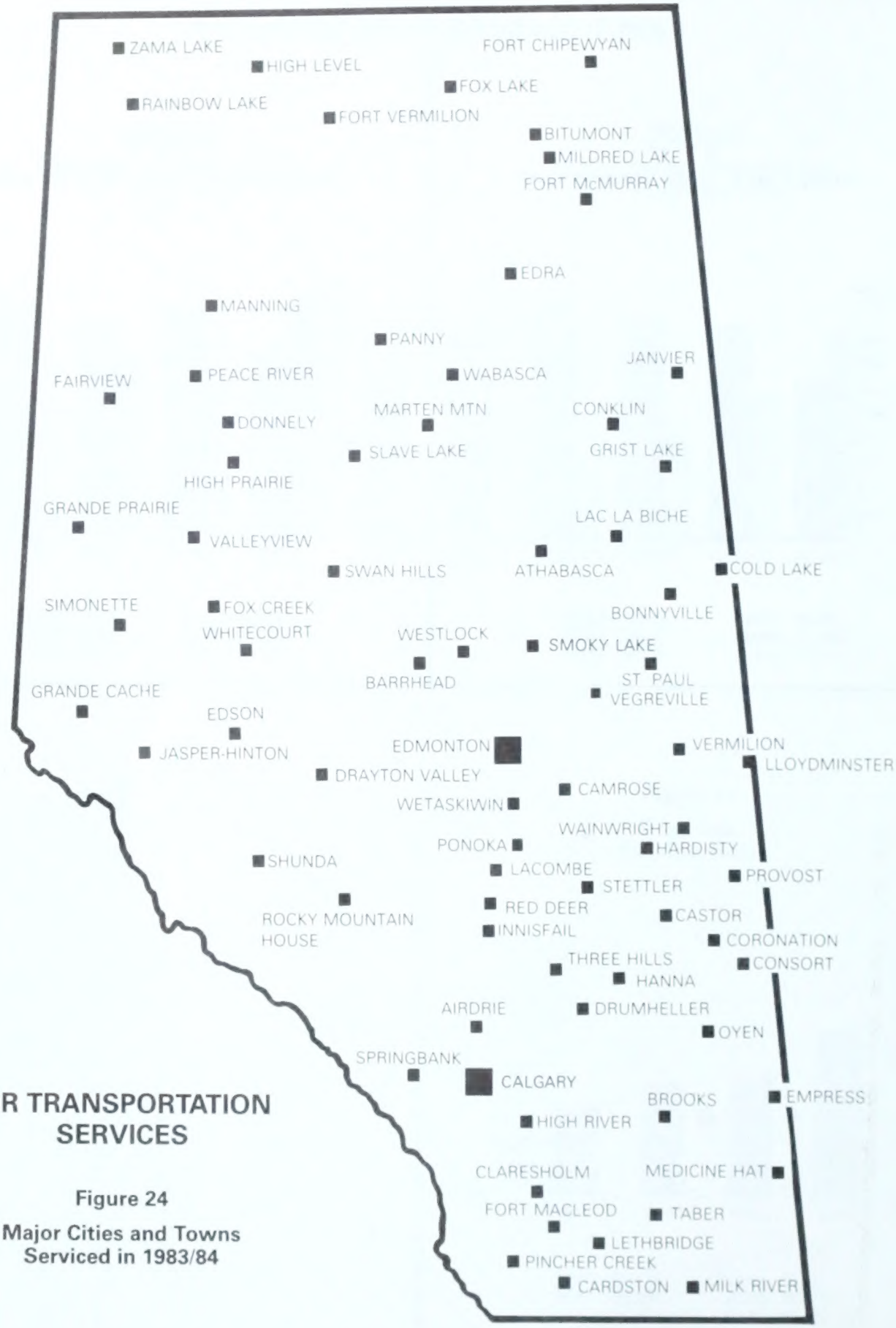
79/80	3,540	81/82	4,870
80/81	4,643	82/83	5,047
		83/84	4,686

Figure 23

Flying Hours: Rotary Wing Aircraft



79/80	4,422	81/82	5,175
80/81	5,422	82/83	5,510
		83/84	5,867



AIR TRANSPORTATION SERVICES

Figure 24

Major Cities and Towns Serviced in 1983/84